

ORIGINAL



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LUBBOCK, TEXAS 79423-1954

August 14, 2013

Re: Columbus Electric Cooperative, Inc.
Docket Number E-01851A-13-0252

Via Federal Express

We are including the original and 13 copies of the Cost of Service Study prepared for Columbus Electric Cooperative, Inc.

If any further action is required please notify us.

Very truly yours,

Bolinger, Segars, Gilbert & Moss L.L.P.

Chris Martinez
Chuck Kreter

Arizona Corporation Commission
DOCKETED

AUG 25 2013

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DOCKET CONTROL

COLUMBUS ELECTRIC COOPERATIVE, INC.

DEMING, NEW MEXICO

COST OF SERVICE STUDY

**Prepared by:
BOLINGER, SEGARS, GILBERT & MOSS, L.L.P.
Certified Public Accountants
Lubbock, Texas**

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

Background:

The service area of Columbus:

Columbus Electric Cooperative, Inc. serves a total of 5,762 consumers, of which 5,297 are located in New Mexico and 483 in Arizona. Columbus has historically provided, and plans to continue to provide, service to all its consumers in each respective rate class at the same rate, jurisdictions notwithstanding. The reasons for this are:

- a) There is no difference in service characteristics of the customers in New Mexico and Arizona.
- b) All customers are members of the cooperative in equal standing whose respective service needs are all provided for in the same manner.

The Board of Trustees is aware that some differences in rate of return will occur between jurisdictions when identical rates are applied in this manner; however, the equality of the members and the administrative benefits of uniform rate schedules for each class of customer are of far greater importance. Additionally, the customers in each jurisdiction have requested that the customer classes in the total system be served at the same rate.

Cost of Service Study:

A cost of service study has been prepared to determine the net return to Columbus for each class of consumer. For the reasons set forth above, the study was developed on a system-wide basis, with additional information developed separately as to the Arizona portion of the system.

The study was performed under procedures and methodology which are generally accepted standards throughout the utility industry. Allocation of invested capital (rate base – at original cost) and operating expenses were allocated to the respective customer charges on the basis of demand, energy, and customer factors.

The study is presented in the following manner:

Section A is a summary reflecting the results of operations of Columbus for the test year ended September 30, 2012, at present rates, and at proposed rates, after adjustments to operating revenue and expenses. As reflected on Schedule A-1.0, the only adjustment to expenses is to reflect the wholesale power cost for the test year at the wholesale rate which became effective January 1, 2012. This rate, when applied to the wholesale power purchased from October 1, 2011 to December 31, 2011 results in additional power cost of \$56,522, which was added to purchased power expense and to FPPCA revenue. The purchased power cost, actual and adjusted, are reflected on Schedules A-2.0 and A-2.1.

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

The additional revenue requested in the Request for Adjustment is \$115,000. This amount has been added to revenue and to margins, and the FPPCA revenue and the debt cost adjustment revenue have been included in the electric energy rates.

Also reflected in Section A are the schedules of return and operating TIER for each respective class, as well as the computation of rate base.

Section B presents the Balance Sheet of Columbus at September 30, 2012.

Section C reflects the allocation factors used in the Cost of Service Study and reflects the development of demand, energy, and customer allocation factors.

Schedule C-1.0 summarizes the factors used.

Schedule C-2.0 consists of twenty-six (26) pages which reflect the allocation factors summarized on Schedule C-1.0.

The demand functions utilized in this study are the NCP – Non Coincident Peak, and the system CP – Coincident Peak. The NCP of the large commercial and industrial classes was determined from the monthly demand readings from the consumer billing records. The NCP of the other classes was computed from estimated load data and load factor data.

The monthly billing of KW demand from the wholesale power supplier – the TGST/MCP from the monthly power bills was adopted as the system CP, which was allocated to each customer class by the average and excess demand method.

The demand portion of wholesale power costs was allocated on the basis of total CP (coincidental demand) computed for each class – allocation factor #11.

The allocation of energy costs is based on KWH sales to each consumer class, based on actual consumer billings. KWH purchases were allocated on the basis of KWH sales. The energy portion of wholesale power costs is allocated on this basis, as reflected by allocation Factor #12.

The allocation of the portion of demand – related plant investment to each class is based on the Peak NCP of each class allocation Factor #1.

Section D reflects the allocation of plant investment to each customer class. Schedules D-1.0 through D-5.0 reflect the detail of the allocation of plant by general ledger account.

Section E reflects the allocation of operating revenues by customer class. This allocation was more from actual billing records. Schedules E-2.0 through E-3.0 reflect a proof of revenue under existing and proposed rates. Schedule E-4.0 presents a comparison of consumer bills at each respective rate.

**Columbus Electric Cooperative, Inc.
Deming, New Mexico**

Cost of Service Study

Section F reflects the allocation of operating expenses to each customer class. The allocation factors used in the allocation are reflected for each expense.

Section G contains the existing rate schedules.

Section H contains the proposed rate schedules.

Rate design:

The design of the proposed rates is identified to the present rates in effect. Items of note are:

- a) A customer charge applies to all rate classes. The lighting class is unmetered; Kwh usage has been assigned based on industry standards for each size light. The customer charge to the various classes has been increased to more closely reflect the customer charge indicated by the Cost of Service Study.
- b) Each rate contains an energy charge for all classes except lighting, as reference in (a). The energy charge is flat with no steps for different levels of usage.
- c) A KW demand charge applies to the large commercial and industrial classes. The Ag Service rate is demand metered; however the demand reading is only utilized to measure a minimum load factor requirement.

Rates of return by class:

The proposed rates have been designed to yield an adequate overall return which, although not equal as to all classes, are reasonable and equitable under the circumstances.

COLUMBUS ELECTRIC COOPERATIVE, INC.

COST OF SERVICE

TABLE OF CONTENTS

Commentary

SECTION A

| | |
|------------------------------|--|
| Schedule A-1.0 | Statement of Revenue and Expense |
| Schedule A-2.0; A-2.1 | Schedule of Power Cost |
| Schedule A-3.0 | Summary Report- Revenue, Expense, and Rate Base – Present Rates |
| Schedule A-3.1 | Summary Report – Revenue, Expenses and Rate Base - Proposed Rates |
| Schedule A-4.0 | Schedule of Rate Base- Total System |
| Schedule A-5.0 | Schedule of Allocation of Rate Base |
| Schedule A-6.0 | Schedule of Components of Rate Base |

SECTION B

| | |
|-----------------------|----------------------|
| Schedule B-1.0 | Balance Sheet |
|-----------------------|----------------------|

SECTION C

| | |
|-----------------------|--|
| Schedule C-1.0 | Summary of Allocation Factors |
| Schedule C-2.0 | Allocation Factors #1 Through #26 |

SECTION D

| | |
|-----------------------|--|
| Schedule D-1.0 | Allocation of Plant |
| Schedule D-2.0 | Account 364-Poles, Towers, and Fixtures |
| Schedule D-3.0 | Account 365 – Overhead Lines |
| Schedule D-4.0 | Account 367 – Underground Conductor |
| Schedule D-5.0 | Account 368 – Transformers |
| Schedule D-6.0 | Account 369- Services |
| Schedule D-7.0 | Account 370 – Meters |

SECTION E

| | |
|------------------------------|--|
| Schedule E-1.0 | Allocation of Operating Revenues – Proposed Rates |
| Schedule E-2.0 | Proof of Revenue – Present Rates |
| Schedule E-3.0 | Proof of Revenue – Proposed Rates |
| Schedule E-4.0; E-4.1 | Bill Comparisons |

SECTION F

| | |
|-----------------------|--|
| Schedule F-1.0 | Allocation of Operating Expenses – Proposed Rates |
| Schedule F-2.0 | Components of Expenses - Proposed Rates |
| Schedule F-3.0 | Summary of Components of Expense – Proposed Rates |

COLUMBUS ELECTRIC COOPERATIVE, INC.

COST OF SERVICE

TABLE OF CONTENTS

SECTION G

Rate Schedules – Present Rates

SECTION H

Rate Schedules – Proposed Rates

A

COLUMBUS ELECTRIC COOPERATIVE, INC.
STATEMENT OF INCOME AND PATRONAGE CAPITAL - TOTAL SYSTEM
FOR THE YEAR ENDED SEPTEMBER 30, 2012

SCHEDULE A-1.0

| | Balance Per Books | | Adjustments | | Proposed Increase | | Adjusted Balance |
|---|----------------------|-----|-------------|-----|----------------------|--|---------------------|
| OPERATING REVENUES | | | | | | | |
| Electric Energy Revenue | \$ 9,321,706 | | | | (2) 4,098,950 | | \$ 13,420,656 |
| FPPCA Revenue | 3,749,856 | (1) | 56,552 | | (2) (3,806,408) | | |
| Debt Cost Revenue | 177,542 | | | | (2) (177,542) | | |
| Other Operating Revenues | 26,577 | | | | | | 26,577 |
| Total Operating Revenues | \$ 13,275,681 | | 56,552 | (2) | 115,000 | | \$ 13,447,233 |
| OPERATING EXPENSES | | | | | | | |
| Purchased Power | \$ 7,874,153 | (1) | 56,552 | | | | \$ 7,930,705 |
| Transmission Expense | 17,902 | | | | | | 17,902 |
| Distribution - Operation | 942,890 | | | | | | 942,890 |
| Distribution - Maintenance | 336,152 | | | | | | 336,152 |
| Customer Accounts | 630,545 | | | | | | 630,545 |
| Customer Service and Information | 95,935 | | | | | | 95,935 |
| Administrative and General | 1,202,907 | | | | | | 1,202,907 |
| Depreciation and Amortization | 1,162,512 | | | | | | 1,162,512 |
| Other Interest | 6,175 | | | | | | 6,175 |
| Other Deductions (Income) | 4,191 | | | | | | 4,191 |
| Total Operating Expenses | \$ 12,273,362 | | \$ 56,552 | | \$ 0 | | \$ 12,329,914 |
| UTILITY OPERATING MARGINS (RETURN) | | | | | | | |
| Interest on Long-Term Debt | \$ 1,002,319 | | | | \$ 115,000 | | \$ 1,117,319 |
| | 558,003 | | | | | | 558,003 |
| OPERATING MARGINS | \$ 444,316 | | \$ | | \$ 115,000 | | \$ 559,316 |
| CAPITAL CREDITS | | | | | | | |
| G&T Capital Credits | \$ 507,855 | | | | | | \$ 507,855 |
| Other Capital Credits | 17,633 | | | | | | 17,633 |
| Total Capital Credits | \$ 525,488 | | \$ | | \$ 0 | | \$ 525,488 |
| NET OPERATING MARGINS | | | | | | | |
| | \$ 969,804 | | | | \$ 115,000 | | \$ 1,084,804 |
| NON-OPERATING MARGINS | | | | | | | |
| Interest & Other Income | 55,430 | | | | | | 55,430 |
| NET MARGINS | \$ 1,025,234 | | \$ | | \$ 115,000 | | \$ 1,140,234 |

(1) Tri-State increased wholesale power rate effective January 1, 2012; adjustment is to apply 2012 wholesale power rate to October - December, 2011.

| | |
|------------------------------------|--------------|
| Power Cost - Test Year, Annualized | \$ 7,930,705 |
| Power Cost - Test Year, Per Books | 7,874,153 |
| Adjustment | \$ 56,552 |

(2) Proposed increase in rates in current filing.
FPPCA, Debt Cost Adjustment Revenue folded into Rates

\$ 115,000

COLUMBUS ELECTRIC COOPERATIVE, INC.
 SCHEDULE OF POWER COST
 YEAR ENDED SEPTEMBER 30, 2012

Schedule A-2.0

| | <u>October '11</u> | <u>November '11</u> | <u>December '11</u> | <u>January '12</u> | <u>February '12</u> | <u>March '12</u> | <u>April '12</u> | |
|---------------|--------------------|---------------------|---------------------|--------------------|---------------------|------------------|------------------|-------|
| Energy Cost | \$ 198,999 | \$ 138,653 | \$ 159,064 | \$ 165,913 | \$ 173,671 | \$ 259,739 | \$ 303,376 | |
| Demand Cost | 271,309 | 206,766 | 240,865 | 245,584 | 268,963 | 375,962 | 415,239 | |
| Total | \$ 470,307 | \$ 345,418 | \$ 399,929 | \$ 411,497 | \$ 442,634 | \$ 635,701 | \$ 718,614 | |
| | | | | | | | | |
| Kwh Purchsed | 7,276,000 | 5,069,577 | 5,815,876 | 5,731,022 | 5,999,007 | 8,972,000 | 10,479,305 | |
| KW Demand | 12,619 | 9,617 | 11,203 | 10,973 | 12,018 | 16,799 | 18,554 | |
| | | | | | | | | |
| Rate: | | | | | | | | |
| Energy Charge | \$ 0.02735 | | | \$ 0.02895 | | | | |
| Demand Charge | \$ 21.50 | | | \$ 22.38 | | | | |
| | | | | | | | | |
| | | | | | | | | Total |
| Energy Cost | \$ 324,940 | \$ 382,178 | \$ 393,489 | \$ 404,103 | \$ 298,571 | \$ 897,200 | \$ 3,202,697 | |
| Demand Cost | 466,153 | 552,137 | 559,276 | 569,705 | 499,499 | 16,799 | 4,671,456 | |
| Total | \$ 791,093 | \$ 934,315 | \$ 952,765 | \$ 973,808 | \$ 798,070 | \$ 913,999 | \$ 7,874,153 | |
| | | | | | | | | |
| Kwh Purchsed | 11,224,191 | 13,201,329 | 13,592,005 | 13,958,645 | 10,313,340 | 111,632,297 | | |
| KW Demand | 20,829 | 24,671 | 24,990 | 25,456 | 22,319 | 210,048 | | |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 SCHEDULE OF POWER COST
 YEAR ENDED SEPTEMBER 30, 2012
 AT 2012 TRI-STATE RATES

Schedule A-2.1

| | <u>October '11</u> | <u>November '11</u> | <u>December '11</u> | <u>January '12</u> | <u>February '12</u> | <u>March '12</u> | <u>April '12</u> |
|--------------|--------------------|---------------------|---------------------|--------------------|---------------------|------------------|------------------|
| Energy Cost | \$ 210,640 | \$ 146,764 | \$ 168,370 | \$ 165,913 | \$ 173,671 | \$ 259,739 | \$ 303,376 |
| Demand Cost | 282,413 | 215,228 | 250,723 | 245,441 | 267,172 | 375,962 | 415,239 |
| Total | \$ 493,053 | \$ 361,993 | \$ 419,093 | \$ 411,355 | \$ 440,844 | \$ 635,701 | \$ 718,614 |
| | | | | | | | |
| Kwh Purchsed | 7,276,000 | 5,069,577 | 5,815,876 | 5,731,022 | 5,999,007 | 8,972,000 | 10,479,305 |
| KW Demand | 12,619 | 9,617 | 11,203 | 10,967 | 11,938 | 16,799 | 18,554 |

Rate:

| | |
|---------------|------------|
| Energy Charge | \$ 0.02895 |
| Demand Charge | \$ 22.38 |

| | <u>May '12</u> | <u>June '12</u> | <u>July '12</u> | <u>August '12</u> | <u>September '12</u> | Total |
|--------------|----------------|-----------------|-----------------|-------------------|----------------------|--------------|
| Energy Cost | \$ 324,940 | \$ 382,178 | \$ 393,489 | \$ 404,103 | \$ 298,571 | \$ 3,231,755 |
| Demand Cost | 466,153 | 552,137 | 559,276 | 569,705 | 499,499 | 4,698,950 |
| Total | \$ 791,093 | \$ 934,315 | \$ 952,765 | \$ 973,808 | \$ 798,070 | \$ 7,930,705 |
| | | | | | | |
| Kwh Purchsed | 11,224,191 | 13,201,329 | 13,592,005 | 13,958,645 | 10,313,340 | 111,632,297 |
| KW Demand | 20,829 | 24,671 | 24,990 | 25,456 | 22,319 | 209,962 |

Case: CEC20122
Solved: 06-17-2013 @ 11:09:34

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PRESENT RATES
SUMMARY REPORT

| ACCOUNT | TOTAL DOLLARS | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|-------------|------------|------------|---------------|---------------|------------|----------|
| RATE BASE | 24,342,178 | 9,675,421 | 1,718,712 | 7,053,754 | 3,156,258 | 1,497,007 | 933,016 | 308,011 |
| OPERATING REVENUES | 13,332,233 | 3,951,746 | 936,883 | 4,840,826 | 1,451,916 | 1,386,836 | 656,081 | 107,945 |
| OPERATING EXPENSES | 12,329,916 | 3,583,861 | 873,952 | 4,530,908 | 1,359,932 | 1,293,739 | 584,749 | 102,776 |
| RETURN | 1,002,317 | 367,886 | 62,932 | 309,919 | 91,984 | 93,097 | 71,331 | 5,169 |
| RATE OF RETURN | 4.118% | 3.802% | 3.662% | 4.394% | 2.914% | 6.219% | 7.645% | 1.678% |
| RELATIVE ROR | 1.000 | 0.923 | 0.889 | 1.067 | 0.708 | 1.510 | 1.857 | 0.408 |
| INTEREST | 558,003 | 229,428 | 38,694 | 157,183 | 72,155 | 32,710 | 20,803 | 7,030 |
| OPERATING MARGINS | 444,314 | 138,457 | 24,238 | 152,736 | 19,829 | 60,387 | 50,528 | -1,862 |
| MARGINS % OF REVENUE | 3.333% | 3.504% | 2.587% | 3.155% | 1.366% | 4.354% | 7.702% | -1.725% |
| OPERATING TIER | 1.796 | 1.603 | 1.626 | 1.972 | 1.275 | 2.846 | 3.429 | 0.735 |
| REVENUE DEFICIENCIES | | | | | | | | |
| UNIFORM ROR = | 6.000000 | 212,640 | 40,191 | 113,307 | 97,391 | -3,276 | -15,350 | 13,312 |
| REV DEF AS % REV | 3.437% | 5.381% | 4.290% | 2.341% | 6.708% | -0.236% | -2.340% | 12.332% |
| UNIFORM % MAR = | 6.544586 | 128,583 | 39,674 | 175,566 | 80,459 | 32,503 | -8,122 | 9,551 |
| REV DEF AS % REV | 3.437% | 3.254% | 4.235% | 3.627% | 5.542% | 2.344% | -1.238% | 8.848% |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
SUMMARY REPORT

| ACCOUNT | TOTAL DOLLARS | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|-------------|------------|------------|---------------|---------------|------------|----------|
| RATE BASE | 24,342,178 | 9,881,577 | 1,698,244 | 6,947,978 | 3,123,442 | 1,466,708 | 918,685 | 305,544 |
| OPERATING REVENUES | 13,447,233 | 4,011,740 | 936,877 | 4,840,884 | 1,501,907 | 1,386,845 | 656,056 | 112,924 |
| OPERATING EXPENSES | 12,329,916 | 3,583,861 | 873,952 | 4,530,908 | 1,359,932 | 1,293,739 | 584,749 | 102,776 |
| RETURN | 1,117,317 | 427,880 | 62,925 | 309,977 | 141,975 | 93,106 | 71,307 | 10,148 |
| RATE OF RETURN | 4.590% | 4.330% | 3.705% | 4.461% | 4.545% | 6.348% | 7.762% | 3.321% |
| RELATIVE ROR | 1.000 | 0.943 | 0.807 | 0.972 | 0.990 | 1.383 | 1.691 | 0.724 |
| INTEREST | 558,003 | 229,428 | 38,694 | 157,183 | 72,155 | 32,710 | 20,803 | 7,030 |
| OPERATING MARGINS | 559,314 | 198,451 | 24,232 | 152,794 | 69,819 | 60,396 | 50,504 | 3,118 |
| MARGINS % OF REVENUE | 4.159% | 4.947% | 2.586% | 3.156% | 4.649% | 4.355% | 7.698% | 2.761% |
| OPERATING TIER | 2.002 | 1.865 | 1.626 | 1.972 | 1.968 | 2.846 | 3.428 | 1.443 |
| REVENUE DEFICIENCIES | | | | | | | | |
| UNIFORM ROR = | 4.590045 | 25,669 | 15,025 | 8,939 | 1,393 | -25,783 | -29,139 | 3,876 |
| REV DEF AS % REV | -0.000% | 0.640% | 1.604% | 0.185% | 0.093% | -1.859% | -4.442% | 3.433% |
| UNIFORM % MAR = | 4.159324 | -32,961 | 15,376 | 50,661 | -7,669 | -2,830 | -24,224 | 1,647 |
| REV DEF AS % REV | -0.000% | -0.822% | 1.641% | 1.047% | -0.511% | -0.204% | -3.692% | 1.459% |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 SCHEDULE OF RATE BASE - TOTAL SYSTEM - ORIGINAL COST
 YEAR ENDED SEPTEMBER 30, 2012

Schedule A-4.0

| | | | |
|--|---------|------------------|--------------------------|
| Total Utility Plant - at Original Cost | | \$ | 38,572,812 |
| Less: Accumulated Provision for Depreciation | | | (15,217,020) |
| Net Utility Plant | | \$ | <u>23,355,792</u> |
| | | | |
| Materials & Supplies Inventory | | | 475,194 |
| Prepayments | | | 145,211 |
| Customer Deposits and Prepayments | | | (293,800) |
| | | | |
| Cash Working Capital | | | |
| Coat of Power | \$ | 7,930,705 | |
| Working Capital Allowance | 12 Days | | 260,736 |
| Working Capital Allowance | | | |
| Transmission Expense | \$ | 17,902 | |
| Distribution Operations & Maintenance | | 1,279,042 | |
| Customer Accounts Expense | | 630,545 | |
| Customer Service Expense | | 95,935 | |
| Administrative General Expense | | <u>1,213,273</u> | |
| Total Operations & Maintenance Expense | \$ | <u>3,236,697</u> | |
| Working Capital Allowance | 45 Days | | <u>399,045</u> |
| | | | |
| Total Rate Base | | \$ | <u><u>24,342,177</u></u> |

Return on Rate Base:

| | | | | | |
|---|---------|----|------------|----|------------|
| Utility Operating Margin - Schedule F-1 | (a) | \$ | 1,002,320 | \$ | 1,117,320 |
| Rate Base - Above | (b) | \$ | 24,342,177 | \$ | 24,342,177 |
| Return on Rate Base | (a)/(b) | | 4.12% | | 4.59% |

Supporting Schedules
 E-1 ; E-2

Summary Schedule:
 A-1

Case: CEC2912P
 Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 COST OF SERVICE ALLOCATION - RATE BASE

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| PLANT IN SERVICE | 38,572,812 | 111 | 15,439,168 | 2,712,574 | 11,308,034 | 4,879,307 | 2,292,104 | 1,471,971 | 469,654 |
| ACCUM DEPR TRANS | -1,173,622 | 102 | -176,722 | -108,898 | -652,522 | -72,804 | -91,327 | -68,439 | -2,910 |
| ACCUM DEPR DIST | -11,856,930 | 107 | -4,875,090 | -822,193 | -3,339,951 | -1,533,219 | -696,052 | -442,039 | -149,386 |
| ACCUM DEPR GEN PLT | -2,186,468 | 110 | -875,156 | -153,760 | -640,987 | -276,579 | -129,926 | -83,437 | -26,622 |
| Subtotal | 23,355,792 | 125* | 9,512,200 | 1,627,722 | 6,674,574 | 2,996,704 | 1,375,800 | 878,055 | 290,736 |
| NET PLANT | | | 40.727% | 6.969% | 28.578% | 12.831% | 5.891% | 3.759% | 1.245% |
| MATERIALS & SUPPLIES | 475,194 | 109 | 190,201 | 33,417 | 139,308 | 60,110 | 28,237 | 18,134 | 5,786 |
| PREPAYMENTS | 145,211 | 121 | 54,451 | 10,448 | 33,896 | 19,784 | 17,503 | 6,319 | 2,841 |
| CASH WK CAP PMR COST | 260,736 | 122 | 62,737 | 18,413 | 112,829 | 25,405 | 27,369 | 13,142 | 841 |
| CASH WK CAP O&M | 399,045 | 119 | 149,632 | 28,711 | 93,146 | 54,284 | 48,098 | 17,366 | 7,807 |
| CUST DEPS | -293,800 | 9 | -87,644 | -20,468 | -105,776 | -32,815 | -30,299 | -14,331 | -2,467 |
| TOTAL | 24,342,178 | 126* | 9,881,577 | 1,698,244 | 6,947,978 | 3,123,442 | 1,466,708 | 918,685 | 305,544 |
| RATE BASE | | | 40.594% | 6.977% | 28.543% | 12.831% | 6.025% | 3.774% | 1.255% |

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 COMPONENTS OF RATE BASE

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|---------------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| DEMAND COMPONENT | | | | | | | | | |
| NONCOIN DEMAND | 10,887,487 | 1 | 1,639,417 | 1,010,230 | 6,053,334 | 675,390 | 847,223 | 634,898 | 26,995 |
| PWR COST SUM COIN DM | 154,486 | 11 | 34,779 | 11,522 | 67,851 | 14,444 | 16,739 | 8,789 | 363 |
| ACCT 368 TRANSF 30% | 1,355,260 | 16 | 741,028 | 89,565 | 144,026 | 252,944 | 93,074 | 34,621 | 0 |
| ACCT 369 OVHD SV 30% | 229,820 | 17 | 196,203 | 3,832 | 3,301 | 24,869 | 1,393 | 222 | 0 |
| ATTT 369 UNDG SV 60% | 620,920 | 18 | 186,276 | 62,092 | 62,092 | 155,230 | 77,615 | 77,615 | 0 |
| ACCT 370 METERS 30% | 413,828 | 19 | 223,511 | 27,095 | 38,055 | 101,751 | 18,362 | 5,053 | 0 |
| TOTAL | 13,661,800 | | 3,021,214 | 1,204,337 | 6,368,659 | 1,224,628 | 1,054,407 | 761,199 | 27,357 |
| DEMAND COMPONENT | | | 22.114% | 8.815% | 46.617% | 8.964% | 7.718% | 5.572% | 0.200% |
| CUSTOMER COMPONENT | | | | | | | | | |
| AVG CONS | 5,314,283 | 4 | 4,016,419 | 169,910 | 146,368 | 899,702 | 70,625 | 11,259 | 0 |
| WTD CONS | 54,216 | 6 | 20,703 | 4,379 | 6,036 | 9,275 | 10,921 | 2,902 | 0 |
| WTD CONS CONCS ACCTS | 141,191 | 7 | 50,346 | 10,649 | 13,760 | 22,556 | 35,412 | 8,468 | 0 |
| ACCT 368 TRANSF 70% | 3,162,272 | 16 | 1,729,064 | 208,988 | 336,061 | 590,203 | 217,172 | 80,783 | 0 |
| ACCT 369 OVHD SV 70% | 536,246 | 17 | 457,807 | 8,940 | 7,702 | 58,027 | 3,251 | 519 | 0 |
| ATTT 369 UNDG SV 40% | 413,947 | 18 | 124,184 | 41,395 | 41,395 | 103,487 | 51,743 | 51,743 | 0 |
| ACCT 370 METERS 70% | 965,598 | 19 | 521,526 | 63,223 | 88,796 | 237,418 | 42,846 | 11,790 | 0 |
| ACCT 371 SECURITY LI | 280,175 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 280,175 |
| TOTAL | 10,867,928 | | 6,920,049 | 507,484 | 640,117 | 1,920,669 | 431,970 | 167,464 | 280,175 |
| CUSTOMER COMPONENT | | | 63.674% | 4.670% | 5.890% | 17.673% | 3.975% | 1.541% | 2.578% |
| ENERGY COMPONENT | | | | | | | | | |
| POWER COST KWH | 106,250 | 12 | 27,958 | 6,892 | 44,978 | 10,961 | 10,630 | 4,353 | 478 |
| TOTAL | 106,250 | | 27,958 | 6,892 | 44,978 | 10,961 | 10,630 | 4,353 | 478 |
| ENERGY COMPONENT | | | 26.313% | 6.486% | 42.333% | 10.316% | 10.005% | 4.097% | 0.450% |
| REVENUE COMPONENT | | | | | | | | | |
| BASE REVENUE PROPOS | -293,800 | 9 | -87,644 | -20,468 | -105,776 | -32,815 | -30,299 | -14,331 | -2,467 |
| TOTAL | -293,800 | | -87,644 | -20,468 | -105,776 | -32,815 | -30,299 | -14,331 | -2,467 |
| REVENUE COMPONENT | | | 29.831% | 6.967% | 36.003% | 11.169% | 10.313% | 4.878% | 0.840% |
| TOTAL | 24,342,178 | | 9,881,577 | 1,698,244 | 6,947,978 | 3,123,442 | 1,466,708 | 918,685 | 305,544 |
| RATE BASE | | | 40.594% | 6.977% | 28.543% | 12.831% | 6.025% | 3.774% | 1.255% |

B

COLUMBUS ELECTRIC COOPERATIVE, INC.

**BALANCE SHEET
9/30/2011 AND 2012**

Schedule B-1.0

ASSETS

| | <u>2012</u> | <u>2011</u> |
|---|----------------------|----------------------|
| UTILITY PLANT AT COST | | |
| Electric Plant in Service | \$ 37,884,762 | \$ 37,793,987 |
| Construction Work in Progress | 688,050 | 344,777 |
| | <u>\$ 38,572,812</u> | <u>\$ 38,138,764</u> |
| Less: Accumulated Provision for Depreciation | 15,217,020 | 14,581,071 |
| | <u>\$ 23,355,792</u> | <u>\$ 23,577,693</u> |
| OTHER PROPERTY AND INVESTMENTS - AT COST OR STATED VALUE | | |
| Investments in Associated Organizations | \$ 2,950,359 | \$ 2,430,809 |
| CURRENT ASSETS | | |
| Cash - General | \$ 316,035 | \$ 698,866 |
| Temporary Cash Investments | 701,000 | |
| Accounts Receivable (Less allowance for uncollectibles of \$53,150 in 2012 and \$76,406 in 2011) | 1,725,603 | 1,432,582 |
| Materials and Supplies at Average Cost | 475,194 | 388,542 |
| Power Cost and Debt Cost Adjustments Underbilled | 363,353 | 394,588 |
| Other Current and Accrued Assets | 145,211 | 136,320 |
| | <u>\$ 3,726,398</u> | <u>\$ 3,050,898</u> |
| DEFERRED CHARGES | | |
| Regulatory Assets | \$ 575,080 | \$ 634,231 |
| Other | 561,670 | 656,121 |
| | <u>\$ 1,136,730</u> | <u>\$ 1,290,352</u> |
| TOTAL ASSETS | <u>\$ 31,169,277</u> | <u>\$ 30,349,552</u> |
| EQUITIES AND LIABILITIES | | |
| EQUITIES | | |
| Patronage Capital | \$ 10,332,640 | \$ 9,323,389 |
| Other Equities - Deficit | (447,280) | (463,265) |
| | <u>\$ 9,885,360</u> | <u>\$ 8,860,124</u> |
| LONG-TERM DEBT | | |
| RUS Mortgage Notes | \$ 7,926,775 | \$ 11,533,227 |
| FFB Mortgage Notes | 6,144,199 | 5,448,935 |
| CFC Mortgage Notes | 2,067,822 | 1,401,579 |
| CoBank Mortgage Notes | 2,974,186 | |
| | <u>\$ 19,112,982</u> | <u>\$ 18,383,741</u> |
| ACCUMULATED PROVISION FOR PENSIONS AND BENEFITS | | |
| Post-Retirement Benefits | \$ 190,704 | \$ 204,337 |
| CURRENT LIABILITIES | | |
| Notes Payable - Line of Credit | \$ | \$ 856,382 |
| Accounts Payable - Purchased Power | 798,070 | 801,770 |
| Accounts Payable - Other | 94,536 | 40,218 |
| Consumers' Deposits and Prepayments | 293,800 | 137,911 |
| Accrued Taxes | 255,581 | 247,585 |
| Accrued Employee Compensated Absences | 249,201 | 337,177 |
| Other Current and Accrued Liabilities | 122,908 | 150,548 |
| | <u>\$ 1,814,096</u> | <u>\$ 2,571,589</u> |
| DEFERRED CREDITS | \$ 166,135 | \$ 329,761 |
| TOTAL EQUITIES AND LIABILITIES | <u>\$ 31,169,277</u> | <u>\$ 30,349,552</u> |

C

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 ALLOCATION FACTORS

| A.F. | FACTOR | TOTAL PERCENT | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|------|----------------------|---------------|-------------|------------|------------|---------------|---------------|------------|------------|
| 1 | NONCOIN DEMAND | 100.000000 | 15.057814 | 9.278817 | 55.598999 | 6.203362 | 7.781619 | 5.831446 | 0.247944 |
| 2 | COIN DEMAND | 100.000000 | 18.705803 | 9.136136 | 50.900821 | 7.526385 | 8.293948 | 5.081554 | 0.355353 |
| 3 | KWH SALES | 100.000000 | 26.313103 | 6.486235 | 42.332726 | 10.316261 | 10.004628 | 4.097155 | 0.449891 |
| 4 | AVG CONS | 100.000000 | 75.577812 | 3.197227 | 2.754237 | 16.929892 | 1.328968 | 0.211864 | 0.000000 |
| 5 | WTD CONS | 100.000000 | 67.094127 | 5.676669 | 4.890143 | 15.029495 | 5.898948 | 1.410618 | 0.000000 |
| 6 | WTD CONS METER READ | 100.000000 | 38.186065 | 8.077073 | 11.132736 | 17.107824 | 20.144025 | 5.352277 | 0.000000 |
| 7 | WTD CONS CONS ACCTS | 100.000000 | 35.658140 | 7.542369 | 9.746013 | 15.975283 | 25.080649 | 5.997546 | 0.000000 |
| 8 | BASE REVENUE PRESENT | 100.000000 | 30.870251 | 7.210257 | 34.187937 | 11.006204 | 10.494206 | 5.273423 | 0.957722 |
| 9 | BASE REVENUE PROPOS | 100.000000 | 29.831153 | 6.966581 | 36.002698 | 11.169214 | 10.312877 | 4.877958 | 0.839519 |
| 10 | FPPCA DCA REVENUE | 100.000000 | 26.755055 | 6.597673 | 41.286688 | 10.618231 | 10.186072 | 4.094077 | 0.462205 |
| 11 | PWR COST SUM COIN DM | 100.000000 | 22.512640 | 7.458032 | 43.920264 | 9.349559 | 10.835452 | 5.689338 | 0.234715 |
| 12 | POWER COST KWH | 100.000000 | 26.313104 | 6.486236 | 42.332726 | 10.316261 | 10.004628 | 4.097156 | 0.449890 |
| 13 | ACCT 364 POLES & FIX | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 14 | ACCT 365 OVHD LINES | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 15 | ACCT 367 UG DIST | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 16 | ACCT 368 TRANSFRMRS | 100.000000 | 54.677900 | 6.609800 | 10.627200 | 18.663900 | 6.867600 | 2.564600 | 0.000000 |
| 17 | ACCT 369 OVHD SVCS | 100.000000 | 85.372600 | 1.667200 | 1.436200 | 10.821000 | 0.606300 | 0.096700 | 0.000000 |
| 18 | ATTT 369 UNGD SVCS | 100.000000 | 30.000000 | 10.000000 | 10.000000 | 25.000000 | 12.500000 | 12.500000 | 0.000000 |
| 19 | ACCT 370 METERS | 100.000000 | 54.010700 | 6.547500 | 9.195900 | 24.587700 | 4.437200 | 1.221000 | 0.000000 |
| 20 | ACCT 371 SECURITY LI | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 100.000000 |
| 21 | OTHER REVENUE PROPO | 100.000000 | 30.868796 | 7.209241 | 34.187455 | 11.005757 | 10.494036 | 5.275238 | 0.959476 |
| 22 | DIRECT IRRIGATION | 100.000000 | 0.000000 | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 23 | DIRECT AG SVC | 100.000000 | 0.000000 | 0.000000 | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 24 | DIRECT SM COMM | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 100.000000 | 0.000000 | 0.000000 | 0.000000 |
| 25 | DIRECT LG COMM | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 100.000000 | 0.000000 | 0.000000 |
| 26 | DIRECT INDUSTRIAL | 100.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 100.000000 | 0.000000 |
| 101 | INTANGIBLE PLANT | 100.000000 | 15.057814 | 9.278817 | 55.598999 | 6.203362 | 7.781619 | 5.831446 | 0.247944 |
| 102 | TRANSMISSION PLANT | 100.000000 | 15.057814 | 9.278817 | 55.598999 | 6.203362 | 7.781619 | 5.831446 | 0.247944 |
| 103 | TOTAL LND ST EP POLE | 100.000000 | 39.265814 | 6.846181 | 34.461093 | 10.493974 | 5.200558 | 3.583613 | 0.148766 |
| 104 | TOTAL OHD LINES | 100.000000 | 39.265810 | 6.846181 | 34.461097 | 10.493973 | 5.200559 | 3.583614 | 0.148766 |
| 105 | TOTAL UNGD COND | 100.000000 | 30.670097 | 7.709956 | 41.966688 | 8.970474 | 6.117035 | 4.381768 | 0.183982 |
| 106 | TOTAL SERVICES | 100.000000 | 53.553926 | 6.455464 | 6.357203 | 18.968657 | 7.440759 | 7.223990 | 0.000000 |
| 107 | DISTRIBUTION PLANT | 100.000000 | 41.115954 | 6.934282 | 28.168767 | 12.930993 | 5.861988 | 3.728109 | 1.259906 |
| 108 | CMIP | 100.000000 | 41.115954 | 6.934282 | 28.168767 | 12.930993 | 5.861988 | 3.728109 | 1.259906 |
| 109 | SUBTOTAL PLANT | 100.000000 | 40.026037 | 7.032346 | 29.316074 | 12.649601 | 5.942280 | 3.816084 | 1.217579 |
| 110 | GENERAL PLANT | 100.000000 | 40.026037 | 7.032346 | 29.316074 | 12.649601 | 5.942280 | 3.816084 | 1.217579 |
| 111 | PLANT | 100.000000 | 40.026037 | 7.032346 | 29.316074 | 12.649601 | 5.942280 | 3.816084 | 1.217579 |
| 112 | REVENUES | 100.000000 | 29.83204 | 6.967061 | 35.999111 | 11.168891 | 10.313235 | 4.878743 | 0.839756 |
| 113 | REVENUES | 100.000000 | 29.83204 | 6.967061 | 35.999111 | 11.168891 | 10.313235 | 4.878743 | 0.839756 |
| 114 | TRANSMISSN EXPENSE | 100.000000 | 15.057814 | 9.278817 | 55.598999 | 6.203362 | 7.781619 | 5.831446 | 0.247944 |
| 115 | DIST OPR EXP | 100.000000 | 38.089583 | 6.827230 | 29.765026 | 12.224189 | 5.471224 | 3.492290 | 4.130458 |
| 116 | DIST MAINT EXPENSE | 100.000000 | 39.491938 | 7.044514 | 32.161381 | 12.061928 | 5.548885 | 3.514034 | 0.177320 |
| 117 | CONS ACCTS EXP | 100.000000 | 36.466232 | 7.13296 | 10.189302 | 16.337318 | 23.502576 | 5.791276 | 0.000000 |
| 118 | CUST SERVICE EXP | 100.000000 | 35.658140 | 7.542369 | 9.746013 | 15.975283 | 25.080649 | 5.997546 | 0.000000 |

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
ALLOCATION FACTORS

| A.F. | FACTOR | TOTAL PERCENT | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|------|-------------------|---------------|-------------|------------|------------|---------------|---------------|------------|----------|
| 119 | SUBTOTAL EXPENSES | 100.000000 | 37.497633 | 7.195042 | 23.342312 | 13.603555 | 12.053270 | 4.351793 | 1.956394 |
| 120 | ADMIN GEN EXP | 100.000000 | 37.497633 | 7.195042 | 23.342312 | 13.603555 | 12.053270 | 4.351793 | 1.956394 |
| 121 | SUBTOTAL EXPENSES | 100.000000 | 37.497633 | 7.195042 | 23.342312 | 13.603555 | 12.053270 | 4.351793 | 1.956394 |
| 122 | POWER COST | 100.000000 | 24.061326 | 7.062026 | 43.273343 | 9.743489 | 10.496892 | 5.040525 | 0.322399 |
| 123 | DEPRECIATION | 100.000000 | 39.736568 | 6.967794 | 29.548593 | 12.636304 | 6.118956 | 3.797416 | 1.194368 |
| 124 | EXPENSES | 100.000000 | 29.066383 | 7.088059 | 36.747271 | 11.029532 | 10.492684 | 4.742523 | 0.833548 |
| 125 | NET PLANT | 100.000000 | 40.727370 | 6.969245 | 28.577812 | 12.830669 | 5.890614 | 3.759474 | 1.244815 |
| 126 | RATE BASE | 100.000000 | 40.594465 | 6.976551 | 28.542959 | 12.831401 | 6.025375 | 3.774045 | 1.255205 |
| 127 | INTEREST | 100.000000 | 41.115954 | 6.934282 | 28.168767 | 12.930993 | 5.861988 | 3.728109 | 1.259906 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 1: NONCOIN DEMAND

| Class Name | Purchased kWhr | Average kW | Non-Coin. kW | Ld Fact. |
|---------------|----------------|------------|--------------|----------|
| RESIDENTIAL | 29,373,922 | 3,353 | 6,316 | 53.0904 |
| IRRIGATION | 7,240,734 | 827 | 3,892 | 21.2376 |
| AG SERVICE | 47,256,994 | 5,395 | 23,321 | 23.1321 |
| SM COMMERCIAL | 11,516,279 | 1,315 | 2,602 | 50.5244 |
| LG COMMERCIAL | 11,168,396 | 1,275 | 3,264 | 39.0604 |
| INDUSTRIAL | 4,573,749 | 522 | 2,446 | 21.3458 |
| LIGHTING | 502,223 | 57 | 104 | 55.1263 |
| TOTAL | 111,632,297 | 12,743 | 41,945 | 30.3812 |

| Class Name | Excess kW | Alloc Exc kW | Total kW | Percent |
|---------------|-----------|--------------|----------|------------|
| RESIDENTIAL | 2,963 | 2,963 | 6,316 | 15.057814 |
| IRRIGATION | 3,065 | 3,065 | 3,892 | 9.278817 |
| AG SERVICE | 17,926 | 17,926 | 23,321 | 55.598999 |
| SM COMMERCIAL | 1,287 | 1,287 | 2,602 | 6.203362 |
| LG COMMERCIAL | 1,989 | 1,989 | 3,264 | 7.781619 |
| INDUSTRIAL | 1,924 | 1,924 | 2,446 | 5.831446 |
| LIGHTING | 47 | 47 | 104 | 0.247944 |
| TOTAL | 29,202 | 29,202 | 41,945 | 100.000000 |

System Coincident Peak = 41,945

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 2: COIN DEMAND

| Class Name | Purchased kWhr | Average kW | Non-Coin. kW | Ld Fact. |
|---------------|----------------|------------|--------------|----------|
| RESIDENTIAL | 29,373,922 | 3,353 | 5,264 | 63.7004 |
| IRRIGATION | 7,240,734 | 827 | 2,571 | 32.1497 |
| AG SERVICE | 47,256,994 | 5,395 | 14,324 | 37.6615 |
| SM COMMERCIAL | 11,516,279 | 1,315 | 2,118 | 62.0701 |
| LG COMMERCIAL | 11,168,396 | 1,275 | 2,334 | 54.6243 |
| INDUSTRIAL | 4,573,749 | 522 | 1,430 | 36.5117 |
| LIGHTING | 502,223 | 57 | 100 | 57.3314 |
| TOTAL | 111,632,297 | 12,743 | 28,141 | 45.2842 |

| Class Name | Excess kW | Alloc Exc kW | Total kW | Percent |
|---------------|-----------|--------------|----------|------------|
| RESIDENTIAL | 1,911 | 1,911 | 5,264 | 18.705803 |
| IRRIGATION | 1,744 | 1,744 | 2,571 | 9.136136 |
| AG SERVICE | 8,929 | 8,929 | 14,324 | 50.900821 |
| SM COMMERCIAL | 803 | 803 | 2,118 | 7.526385 |
| LG COMMERCIAL | 1,059 | 1,059 | 2,334 | 8.293948 |
| INDUSTRIAL | 908 | 908 | 1,430 | 5.081554 |
| LIGHTING | 43 | 43 | 100 | 0.355353 |
| TOTAL | 15,398 | 15,398 | 28,141 | 100.000000 |

System Coincident Peak = 28,141

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 3: KWH SALES

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 100.000000
Fuel: 0.000000
Revenue: 0.000000

| Class Name | Number | Percent |
|---------------|----------------|------------|
| RESIDENTIAL | 26,580,300.00 | 26.313103 |
| IRRIGATION | 6,552,100.00 | 6.486235 |
| AG SERVICE | 42,762,594.00 | 42.332726 |
| SM COMMERCIAL | 10,421,018.00 | 10.316261 |
| LG COMMERCIAL | 10,106,220.00 | 10.004628 |
| INDUSTRIAL | 4,138,760.00 | 4.097155 |
| LIGHTING | 454,459.00 | 0.449891 |
| TOTAL | 101,015,451.00 | 100.000000 |

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES

Allocation Factor # 4: AVG CONS

Comp: Demand: 0.000000
 Customer: 100.000000
 Energy: 0.000000
 Fuel: 0.000000
 Revenue: 0.000000

| Class Name | Number | Weight | Product | Percent |
|---------------|----------|----------|----------|------------|
| RESIDENTIAL | 3,924.00 | 1.000000 | 3,924.00 | 75.577812 |
| IRRIGATION | 166.00 | 1.000000 | 166.00 | 3.197227 |
| AG SERVICE | 143.00 | 1.000000 | 143.00 | 2.754237 |
| SM COMMERCIAL | 879.00 | 1.000000 | 879.00 | 16.929892 |
| LG COMMERCIAL | 69.00 | 1.000000 | 69.00 | 1.328968 |
| INDUSTRIAL | 11.00 | 1.000000 | 11.00 | 0.211864 |
| LIGHTING | 571.00 | 0.000000 | 0.00 | 0.000000 |
| TOTAL | 5,763.00 | 0.900920 | 5,192.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 5: WTD CONS

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

| Class Name | Number | Weight | Product | Percent |
|---------------|----------|----------|----------|------------|
| RESIDENTIAL | 3,924.00 | 1.000000 | 3,924.00 | 67.094127 |
| IRRIGATION | 166.00 | 2.000000 | 332.00 | 5.676669 |
| AG SERVICE | 143.00 | 2.000000 | 286.00 | 4.890143 |
| SM COMMERCIAL | 879.00 | 1.000000 | 879.00 | 15.029495 |
| LG COMMERCIAL | 69.00 | 5.000000 | 345.00 | 5.898948 |
| INDUSTRIAL | 11.00 | 7.500000 | 82.50 | 1.410618 |
| LIGHTING | 571.00 | 0.000000 | 0.00 | 0.000000 |
| TOTAL | 5,763.00 | 1.014836 | 5,848.50 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 6: WTD CONS METER READ

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

| Class Name | Number | Weight | Product | Percent |
|---------------|----------|-----------|-----------|------------|
| RESIDENTIAL | 3,924.00 | 1.000000 | 3,924.00 | 38.186065 |
| IRRIGATION | 166.00 | 5.000000 | 830.00 | 8.077073 |
| AG SERVICE | 143.00 | 8.000000 | 1,144.00 | 11.132736 |
| SM COMMERCIAL | 879.00 | 2.000000 | 1,758.00 | 17.107824 |
| LG COMMERCIAL | 69.00 | 30.000000 | 2,070.00 | 20.144025 |
| INDUSTRIAL | 11.00 | 50.000000 | 550.00 | 5.352277 |
| LIGHTING | 571.00 | 0.000000 | 0.00 | 0.000000 |
| TOTAL | 5,763.00 | 1.783099 | 10,276.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 7: WTD CONS CONS ACCTS

Comp: Demand: 0.000000
Customer: 100.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 0.000000

| Class Name | Number | Weight | Product | Percent |
|---------------|----------|-----------|-----------|------------|
| RESIDENTIAL | 3,924.00 | 1.000000 | 3,924.00 | 35.658140 |
| IRRIGATION | 166.00 | 5.000000 | 830.00 | 7.542369 |
| AG SERVICE | 143.00 | 7.500000 | 1,072.50 | 9.746013 |
| SM COMMERCIAL | 879.00 | 2.000000 | 1,758.00 | 15.975283 |
| LG COMMERCIAL | 69.00 | 40.000000 | 2,760.00 | 25.080649 |
| INDUSTRIAL | 11.00 | 60.000000 | 660.00 | 5.997546 |
| LIGHTING | 571.00 | 0.000000 | 0.00 | 0.000000 |
| TOTAL | 5,763.00 | 1.909509 | 11,004.50 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 8: BASE REVENUE PRESENT

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

| Class Name | Number | Percent |
|---------------|--------------|------------|
| RESIDENTIAL | 2,877,634.00 | 30.870251 |
| IRRIGATION | 672,119.00 | 7.210257 |
| AG SERVICE | 3,186,899.00 | 34.187937 |
| SM COMMERCIAL | 1,025,966.00 | 11.006204 |
| LG COMMERCIAL | 978,239.00 | 10.494206 |
| INDUSTRIAL | 491,573.00 | 5.273423 |
| LIGHTING | 89,276.00 | 0.957722 |
| TOTAL | 9,321,706.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 9: BASE REVENUE PROPOS

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

| Class Name | Number | Percent |
|---------------|---------------|------------|
| RESIDENTIAL | 4,003,537.00 | 29.831153 |
| IRRIGATION | 934,961.00 | 6.966581 |
| AG SERVICE | 4,831,799.00 | 36.002698 |
| SM COMMERCIAL | 1,498,982.00 | 11.169214 |
| LG COMMERCIAL | 1,384,056.00 | 10.312877 |
| INDUSTRIAL | 654,654.00 | 4.877958 |
| LIGHTING | 112,669.00 | 0.839519 |
| TOTAL | 13,420,658.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 10: FPPCA DCA REVENUE

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

| Class Name | Number | Percent |
|---------------|--------------|------------|
| RESIDENTIAL | 1,065,908.00 | 26.755055 |
| IRRIGATION | 262,848.00 | 6.597673 |
| AG SERVICE | 1,644,841.00 | 41.286688 |
| SM COMMERCIAL | 423,025.00 | 10.618231 |
| LG COMMERCIAL | 405,808.00 | 10.186072 |
| INDUSTRIAL | 163,106.00 | 4.094077 |
| LIGHTING | 18,414.00 | 0.462205 |
| TOTAL | 3,983,950.00 | 100.000000 |

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES

Allocation Factor # 11: PWR COST SUM COIN DM

Comp: Demand: 100.000000
 Customer: 0.000000
 Energy: 0.000000
 Fuel: 0.000000
 Revenue: 0.000000

| Class Name | Number | Percent |
|---------------|------------|------------|
| RESIDENTIAL | 47,286.00 | 22.512640 |
| IRRIGATION | 15,665.00 | 7.458032 |
| AG SERVICE | 92,251.00 | 43.920264 |
| SM COMMERCIAL | 19,638.00 | 9.349559 |
| LG COMMERCIAL | 22,759.00 | 10.835452 |
| INDUSTRIAL | 11,950.00 | 5.689338 |
| LIGHTING | 493.00 | 0.234715 |
| TOTAL | 210,042.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 12: POWER COST KWH

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 100.000000
Fuel: 0.000000
Revenue: 0.000000

| Class Name | Number | Percent |
|---------------|----------------|------------|
| RESIDENTIAL | 29,373,922.00 | 26.313104 |
| IRRIGATION | 7,240,734.00 | 6.486236 |
| AG SERVICE | 47,256,994.00 | 42.332726 |
| SM COMMERCIAL | 11,516,279.00 | 10.316261 |
| LG COMMERCIAL | 11,168,396.00 | 10.004628 |
| INDUSTRIAL | 4,573,749.00 | 4.097156 |
| LIGHTING | 502,223.00 | 0.449890 |
| TOTAL | 111,632,297.00 | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 13: ACCT 364 POLES & FIX

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|----------|
| ----- | ----- |
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| ----- | ----- |
| TOTAL | 0.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 14: ACCT 365 OVHD LINES

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|----------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 0.000000 |

Case: CEC2912P

Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES

Allocation Factor # 15: ACCT 367 UG DIST

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|----------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 0.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 16: ACCT 368 TRANSFRMRS

| | | |
|-------|-----------|-----------|
| Comp: | Demand: | 30.000000 |
| | Customer: | 70.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 54.677900 |
| IRRIGATION | 6.608800 |
| AG SERVICE | 10.627200 |
| SM COMMERCIAL | 18.663900 |
| LG COMMERCIAL | 6.867600 |
| INDUSTRIAL | 2.554600 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 17: ACCT 369 OVHD SVCS

| | | |
|-------|-----------|-----------|
| Comp: | Demand: | 30.000000 |
| | Customer: | 70.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 85.372600 |
| IRRIGATION | 1.667200 |
| AG SERVICE | 1.436200 |
| SM COMMERCIAL | 10.821000 |
| LG COMMERCIAL | 0.606300 |
| INDUSTRIAL | 0.096700 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 18: ATTT 369 UNDG SVCS

| | | |
|-------|-----------|-----------|
| Comp: | Demand: | 60.000000 |
| | Customer: | 40.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 30.000000 |
| IRRIGATION | 10.000000 |
| AG SERVICE | 10.000000 |
| SM COMMERCIAL | 25.000000 |
| LG COMMERCIAL | 12.500000 |
| INDUSTRIAL | 12.500000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 19: ACCT 370 METERS

| | | |
|-------|-----------|-----------|
| Comp: | Demand: | 30.000000 |
| | Customer: | 70.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 54.010700 |
| IRRIGATION | 6.547500 |
| AG SERVICE | 9.195900 |
| SM COMMERCIAL | 24.587700 |
| LG COMMERCIAL | 4.437200 |
| INDUSTRIAL | 1.221000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 20: ACCT 371 SECURITY LI

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 100.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 21: OTHER REVENUE PROPO

Comp: Demand: 0.000000
Customer: 0.000000
Energy: 0.000000
Fuel: 0.000000
Revenue: 100.000000

| Class Name | Number | Percent |
|---------------|-----------|------------|
| RESIDENTIAL | 8,204.00 | 30.868796 |
| IRRIGATION | 1,916.00 | 7.209241 |
| AG SERVICE | 9,086.00 | 34.187455 |
| SM COMMERCIAL | 2,925.00 | 11.005757 |
| LG COMMERCIAL | 2,789.00 | 10.494036 |
| INDUSTRIAL | 1,402.00 | 5.275238 |
| LIGHTING | 255.00 | 0.959476 |
| TOTAL | 26,577.00 | 100.000000 |

Case: CEC2912P
 Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES

Allocation Factor # 22: DIRECT IRRIGATION

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| ----- | ----- |
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 100.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| ----- | ----- |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 23: DIRECT AG SVC

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 100.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 24: DIRECT SM COMM

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 100.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 25: DIRECT LG COMM

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 100.000000 |
| INDUSTRIAL | 0.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

Case: CEC2912P
Solved: 06-20-2013 @ 09:42:25

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES

Allocation Factor # 26: DIRECT INDUSTRIAL

| | | |
|-------|-----------|------------|
| Comp: | Demand: | 0.000000 |
| | Customer: | 100.000000 |
| | Energy: | 0.000000 |
| | Fuel: | 0.000000 |
| | Revenue: | 0.000000 |

| Class Name | Percent |
|---------------|------------|
| RESIDENTIAL | 0.000000 |
| IRRIGATION | 0.000000 |
| AG SERVICE | 0.000000 |
| SM COMMERCIAL | 0.000000 |
| LG COMMERCIAL | 0.000000 |
| INDUSTRIAL | 100.000000 |
| LIGHTING | 0.000000 |
| TOTAL | 100.000000 |

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COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 COST OF SERVICE ALLOCATION - PLANT

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| INTANGIBLE PLANT | | | | | | | | | |
| INTANGIBLE PLANT | 411 | 1 | 62 | 38 | 229 | 25 | 32 | 24 | 1 |
| Total | | | | | | | | | |
| INTANGIBLE PLANT | 411 | 101* | 62 | 38 | 229 | 25 | 32 | 24 | 1 |
| | | | 15.058% | 9.279% | 55.599% | 6.203% | 7.782% | 5.831% | 0.248% |
| TRANSMISSION PLANT | | | | | | | | | |
| TRANSMISSION PLANT | 1,466,239 | 1 | 220,784 | 136,050 | 815,214 | 90,956 | 114,097 | 85,503 | 3,635 |
| Total | | | | | | | | | |
| TRANSMISSION PLANT | 1,466,239 | 102* | 220,784 | 136,050 | 815,214 | 90,956 | 114,097 | 85,503 | 3,635 |
| | | | 15.058% | 9.279% | 55.599% | 6.203% | 7.782% | 5.831% | 0.248% |
| DISTRIBUTION PLANT | | | | | | | | | |
| 360 LAND | 38,316 | 1 | 5,770 | 3,555 | 21,303 | 2,377 | 2,982 | 2,234 | 95 |
| 362 STATION EQPT | 3,130,649 | 1 | 471,407 | 290,487 | 1,740,609 | 194,205 | 243,615 | 182,562 | 7,762 |
| 364 POLES TOWERS | 4,376,657 | 4 | 3,307,782 | 139,932 | 120,544 | 740,963 | 58,164 | 9,273 | 0 |
| 364 POLES & TOWERS | 6,564,985 | 1 | 988,543 | 609,153 | 3,650,065 | 407,250 | 510,862 | 382,834 | 16,277 |
| Subtotal | | | | | | | | | |
| TOTAL LND ST EP PO | 10,941,642 | 103* | 4,296,325 | 749,085 | 3,770,609 | 1,148,213 | 569,026 | 392,106 | 16,277 |
| | | | 39.266% | 6.846% | 34.461% | 10.494% | 5.201% | 3.584% | 0.149% |
| 365 OVHD LINES | 2,713,436 | 4 | 2,050,756 | 86,755 | 74,734 | 459,382 | 36,061 | 5,749 | 0 |
| 365 OVHD LINES | 4,070,155 | 1 | 612,876 | 377,662 | 2,262,965 | 252,486 | 316,724 | 237,349 | 10,092 |
| Subtotal | | | | | | | | | |
| TOTAL OHD LINES | 6,783,591 | 104* | 2,663,632 | 464,417 | 2,337,700 | 711,868 | 352,785 | 243,098 | 10,092 |
| | | | 39.266% | 6.846% | 34.461% | 10.494% | 5.201% | 3.584% | 0.149% |
| 367 UNDERGRND COND | 245,085 | 4 | 185,230 | 7,836 | 6,750 | 41,493 | 3,257 | 519 | 0 |
| 367 UNDERGRND COND | 704,971 | 1 | 106,153 | 65,413 | 391,957 | 43,732 | 54,858 | 41,110 | 1,748 |
| Subtotal | | | | | | | | | |
| TOTAL UNDERGRND COND | 950,056 | 105* | 291,383 | 73,249 | 398,707 | 85,225 | 58,115 | 41,629 | 1,748 |
| | | | 30.670% | 7.710% | 41.967% | 8.970% | 6.117% | 4.382% | 0.184% |
| 368 LINE TRANSFRMS | 6,293,850 | 16 | 3,441,345 | 415,948 | 668,860 | 1,174,678 | 432,236 | 160,783 | 0 |
| 369 OVHD SVCS | 1,069,133 | 17 | 912,747 | 17,825 | 15,355 | 115,691 | 6,482 | 1,034 | 0 |
| 369 UNDERGRND SVCS | 1,444,277 | 18 | 433,283 | 144,428 | 361,069 | 180,535 | 180,535 | 180,535 | 0 |
| Subtotal | | | | | | | | | |
| TOTAL SERVICES | 2,513,410 | 106* | 1,346,030 | 162,252 | 159,783 | 476,760 | 187,017 | 181,568 | 0 |
| | | | 53.554% | 6.455% | 6.357% | 18.969% | 7.441% | 7.224% | 0.000% |
| 370 METERS | 1,880,329 | 19 | 1,015,579 | 123,115 | 172,913 | 462,330 | 83,434 | 22,959 | 0 |

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - PLANT

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|---------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| 371 INST ON CONS PR | 378,667 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 378,667 |
| Total | | | | | | | | | |
| DISTRIBUTION PLANT | 32,910,510 | 107* | 13,531,470 | 2,282,108 | 9,270,485 | 1,929,210 | 1,226,940 | 414,641 | 1,260% |
| | | | 41.116% | 6.934% | 28.169% | 5.862% | 3.728% | | |
| CWIP | | | | | | | | | |
| CWIP | 688,050 | 107 | 282,898 | 47,711 | 193,815 | 40,333 | 25,651 | 8,669 | |
| Total | | | | | | | | | |
| CWIP | 688,050 | 108* | 282,898 | 47,711 | 193,815 | 40,333 | 25,651 | 8,669 | |
| | | | 41.116% | 6.934% | 28.169% | 5.862% | 3.728% | 1.260% | |
| SUBTOTAL | | | | | | | | | |
| PLANT | 35,065,210 | 109* | 14,035,214 | 2,465,907 | 10,279,743 | 2,083,673 | 1,338,118 | 426,947 | 1.218% |
| | | | 40.026% | 7.032% | 29.316% | 5.942% | 3.816% | | |
| GENERAL PLANT | | | | | | | | | |
| 389 LAND | 21,947 | 109 | 8,785 | 1,543 | 6,434 | 1,304 | 838 | 267 | |
| 390 STRIB & IMPR | 1,078,442 | 109 | 431,658 | 75,840 | 316,157 | 64,084 | 41,154 | 13,131 | |
| 391 FURN & EPQT | 409,340 | 109 | 163,843 | 28,786 | 120,002 | 24,324 | 15,621 | 4,984 | |
| 392 TRANSP EQPT | 1,543,809 | 109 | 617,926 | 108,566 | 452,584 | 91,737 | 58,913 | 18,797 | |
| 393 STORES EQPT | 14,831 | 109 | 5,936 | 1,043 | 4,348 | 881 | 566 | 181 | |
| 394 SHOP & GARAGE | 99,661 | 109 | 39,890 | 7,009 | 29,217 | 5,922 | 3,803 | 1,213 | |
| 395 LAB EQPT | 183,948 | 109 | 73,627 | 12,936 | 53,926 | 10,931 | 7,020 | 2,240 | |
| 396 PMR OPR EQPT | 40,167 | 109 | 16,077 | 2,825 | 11,775 | 2,387 | 1,533 | 489 | |
| 397 COMMUNICATIONS | 115,457 | 109 | 46,213 | 8,119 | 33,847 | 6,861 | 4,406 | 1,406 | |
| Total | | | | | | | | | |
| GENERAL PLANT | 3,507,602 | 110* | 1,403,954 | 246,667 | 1,028,291 | 208,432 | 133,853 | 42,708 | 1.218% |
| | | | 40.026% | 7.032% | 29.316% | 5.942% | 3.816% | | |
| TOTAL | | | | | | | | | |
| PLANT | 38,572,812 | 111* | 15,439,168 | 2,712,574 | 11,308,034 | 2,292,104 | 1,471,971 | 469,654 | 1.218% |
| | | | 40.026% | 7.032% | 29.316% | 5.942% | 3.816% | | |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 ALLOCATION OF ACCOUNT 364 POLES, TOWERS, FIXTURES

Allocated on Factor 4 - Average Consumers
 Allocated on Factor 1 - Peak Non-Coincident Demand

40% \$ 4,376,657
 60% 6,564,985
 Total \$ 10,941,642

| | RATE | Number Consumers | % Of Total | Allocation | Non-Coin Demand | % Of Total | Allocation | Total Investment |
|------------------------|-------|---------------------|---------------|--------------|--------------------|---------------|--------------|---------------------|
| RESIDENTIAL | 1 | 3,831 | 73.7866% | \$ 3,229,386 | 6,162 | 14.6907% | \$ 964,440 | \$ 4,193,826 |
| RESIDENTIAL TOU | 11,21 | 93 | 1.7912% | 78,395 | 154 | 0.3671% | 24,103 | 102,499 |
| TOTAL RESIDENTIAL | | 3,924 | 75.5778% | \$ 3,307,782 | 6,316 | 15.0578% | \$ 988,543 | \$ 4,296,325 |
| IRRIGATION | 4 | 131 | 2.5231% | \$ 110,428 | 3,581 | 8.5374% | \$ 560,477 | \$ 670,905 |
| IRRIGATION TOU | 14,24 | 35 | 0.6741% | 29,504 | 311 | 0.7414% | 48,676 | 78,180 |
| TOTAL IRRIGATION | | 166 | 3.1972% | \$ 139,932 | 3,892 | 9.2788% | \$ 609,153 | \$ 749,085 |
| AG SERVICE | 3 | 143 | 2.7542% | \$ 120,544 | 23,321 | 55.5990% | \$ 3,650,066 | \$ 3,770,609 |
| SMALL COMMERCIAL | 5 | 864 | 16.6410% | \$ 728,319 | 2,507 | 5.9769% | \$ 392,381 | \$ 1,120,700 |
| SMALL COMMERCIAL TOU | 15,25 | 15 | 0.2889% | 12,644 | 95 | 0.2265% | 14,869 | 27,513 |
| TOTAL SMALL COMMERCIAL | | 879 | 16.9299% | \$ 740,963 | 2,602 | 6.2034% | \$ 407,250 | \$ 1,148,213 |
| LARGE COMMERCIAL | 6 | 69 | 1.3290% | \$ 58,164 | 3,264 | 7.7816% | \$ 510,862 | \$ 569,026 |
| INDUSTRIAL | 8 | 11 | 0.2119% | \$ 9,273 | 2,446 | 5.8314% | \$ 382,834 | \$ 392,106 |
| LIGHTING SERVICE | | | | | 104 | 0.2479% | \$ 16,277 | \$ 16,277 |
| TOTALS | | 5,192 | 100.0000% | \$ 4,376,657 | 41,945 | 100.0000% | \$ 6,564,985 | \$ 10,941,642 |

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 365 OVERHEAD LINES

Allocated on Factor 4 - Average Consumers

Allocated on Factor 1 - Peak Non-Coincident Demand

40% \$ 2,713,436
60% 4,070,155
Total \$ 6,783,591

| | RATE | Number Consumers | % Of Total | Allocation | Non-Coin Demand | % Of Total | Allocation | Total Investment |
|------------------------|-------|---------------------|---------------|--------------|--------------------|---------------|--------------|---------------------|
| RESIDENTIAL | 1 | 3,831 | 73.7866% | \$ 2,002,152 | 6,162 | 14.6907% | \$ 597,933 | \$ 2,600,085 |
| RESIDENTIAL TOU | 11,21 | 93 | 1.7912% | 48,604 | 154 | 0.3671% | 14,943 | 63,547 |
| TOTAL RESIDENTIAL | | 3,924 | 75.5778% | \$ 2,050,756 | 6,316 | 15.0578% | \$ 612,876 | \$ 2,663,632 |
| IRRIGATION | 4 | 131 | 2.5231% | \$ 68,463 | 3,581 | 8.5374% | \$ 347,484 | \$ 415,947 |
| IRRIGATION TOU | 14,24 | 35 | 0.6741% | 18,292 | 311 | 0.7414% | 30,178 | 48,470 |
| TOTAL IRRIGATION | | 166 | 3.1972% | \$ 86,755 | 3,892 | 9.2788% | \$ 377,662 | \$ 464,417 |
| AG SERVICE | 3 | 143 | 2.7542% | \$ 74,734 | 23,321 | 55.5990% | \$ 2,262,965 | \$ 2,337,700 |
| SMALL COMMERCIAL | 5 | 864 | 16.6410% | \$ 451,543 | 2,507 | 5.9769% | \$ 243,268 | \$ 694,811 |
| SMALL COMMERCIAL TOU | 15,25 | 15 | 0.2889% | 7,839 | 95 | 0.2265% | 9,218 | 17,058 |
| TOTAL SMALL COMMERCIAL | | 879 | 16.9299% | \$ 459,382 | 2,602 | 6.2034% | \$ 252,486 | \$ 711,868 |
| LARGE COMMERCIAL | 6 | 69 | 1.3290% | \$ 36,061 | 3,264 | 7.7816% | \$ 316,724 | \$ 352,785 |
| INDUSTRIAL | 8 | 11 | 0.2119% | \$ 5,749 | 2,446 | 5.8314% | \$ 237,349 | \$ 243,098 |
| LIGHTING SERVICE | | | | | 104 | 0.2479% | \$ 10,092 | \$ 10,092 |
| TOTALS | | 5,192 | 100.0000% | \$ 2,713,436 | 41,945 | 100.0000% | \$ 4,070,155 | \$ 6,783,591 |

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 368 LINE TRANSFORMERS

| | RATE | No. Consumers | kva Per Customer | Installed Kva | Cost Per Kva \$ | Cost Ratio | Weighted Kva | % Of Total | Total Investment |
|------------------------|-------|---------------|------------------|---------------|-----------------|------------|--------------|------------|------------------|
| Total Investment | | | | | | | | | \$ 6,293,850 |
| RESIDENTIAL | 1 | 3,831 | 15 | 57,465 | 35 | 1.40 | 80,451 | 53.3820% | 3,359,785 |
| RESIDENTIAL TOU | 11,21 | 93 | 15 | 1,395 | 35 | 1.40 | 1,953 | 1.2959% | 81,561 |
| TOTAL RESIDENTIAL | | 3,924 | | 58,860 | | | 82,404 | 54.6779% | 3,441,346 |
| IRRIGATION | 4 | 131 | 50 | 6,550 | 30 | 1.20 | 7,860 | 5.2154% | 328,248 |
| IRRIGATION TOU | 14,24 | 35 | 50 | 1,750 | 30 | 1.20 | 2,100 | 1.3934% | 87,700 |
| TOTAL IRRIGATION | | 166 | | 8,300 | | | 9,960 | 6.6088% | 415,948 |
| AG SERVICE | 3 | 143 | 100 | 14,300 | 28 | 1.12 | 16,016 | 10.6272% | 668,858 |
| SMALL COMMERCIAL | 5 | 864 | 25 | 21,600 | 32 | 1.28 | 27,648 | 18.3454% | 1,154,633 |
| SMALL COMMERCIAL TOU | 15,25 | 15 | 25 | 375 | 32 | 1.28 | 480 | 0.3185% | 20,046 |
| TOTAL SMALL COMMERCIAL | | 879 | | 21,975 | | | 28,128 | 18.6639% | 1,174,678 |
| LARGE COMMERCIAL | 6 | 69 | 150 | 10,350 | 25 | 1.00 | 10,350 | 6.8676% | 432,235 |
| INDUSTRIAL | 8 | 11 | 350 | 3,850 | 25 | 1.00 | 3,850 | 2.5546% | 160,783 |
| LIGHTING SERVICE | | 571 | | | | | | 0.0000% | - |
| TOTALS | | 5,763 | | 117,635 | | | 150,708 | 100.0000% | \$ 6,293,850 |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 ALLOCATION OF ACCOUNT 367 - UNDERGROUND CONDUCTORS & DEVICES

| | RATE | No. Consumers | Wtg | % Of Total | Allocation | Peak NCD | % Of Total | Allocation | Total Investment |
|--|-------|---------------|-----|------------|------------|----------|------------|------------|------------------|
| Allocated on Factor 4 - Average Consumers | | | | | | | | | 40% \$ 245,085 |
| Allocated on Factor 1 - Peak Non-Coincident Demand | | | | | | | | | 60% \$ 704,971 |
| | | | | | | | | | \$ 950,056 |
| RESIDENTIAL | 1 | 3,831 | 1 | 73.7866% | \$ 180,840 | 6,162 | 14.6907% | \$ 103,565 | \$ 284,405 |
| RESIDENTIAL TOU | 11,21 | 93 | 1 | 1.7912% | 4,390 | 154 | 0.3671% | 2,588 | 6,978 |
| TOTAL RESIDENTIAL | | 3,924 | | 75.5778% | \$ 185,230 | 6,316 | 15.0578% | \$ 106,153 | \$ 291,383 |
| IRRIGATION | 4 | 131 | 1 | 2.5231% | \$ 6,184 | 3,581 | 8.5374% | \$ 60,186 | \$ 66,370 |
| IRRIGATION TOU | 14,24 | 35 | 1 | 0.6741% | 1,652 | 311 | 0.7414% | 5,227 | 6,879 |
| TOTAL IRRIGATION | | 166 | | 3.1972% | \$ 7,836 | 3,892 | 9.2788% | \$ 65,413 | \$ 73,249 |
| AG SERVICE | 3 | 143 | 1 | 2.7542% | \$ 6,750 | 23,321 | 55.5990% | \$ 391,957 | \$ 398,707 |
| SMALL COMMERCIAL | 5 | 864 | 1 | 16.6410% | \$ 40,785 | 2,507 | 5.9769% | \$ 42,135 | \$ 82,920 |
| SMALL COMMERCIAL TOU | 15,25 | 15 | 1 | 0.2889% | 708 | 95 | 0.2265% | 1,597 | 2,305 |
| TOTAL SMALL COMMERCIAL | | 879 | | 16.9299% | \$ 41,493 | 2,602 | 6.2034% | \$ 43,732 | \$ 85,225 |
| LARGE COMMERCIAL | 6 | 69 | 1 | 1.3290% | \$ 3,257 | 3,264 | 7.7816% | \$ 54,858 | \$ 58,115 |
| INDUSTRIAL | 8 | 11 | 1 | 0.2119% | \$ 519 | 2,446 | 5.8314% | \$ 41,110 | \$ 41,629 |
| LIGHTING SERVICE | | | | | \$ - | 104 | 0.2479% | \$ 1,748 | \$ 1,748 |
| TOTALS | | 5,192 | | 100.0000% | \$ 245,085 | 41,945 | 100.0000% | \$ 704,971 | \$ 950,056 |

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 369 - SERVICES

| | RATE | No. Consumers | Cost Per Consumer | Cost Ratio | Weighted Consumers | % Of Total | Investment | % Of Total | Investment |
|------------------------|-------|---------------|-------------------|------------|--------------------|------------|--------------|------------|--------------|
| Overhead Services | | | | | | | | | \$ 1,069,133 |
| Underground Services | | | | | | | | | \$ 1,444,277 |
| RESIDENTIAL | 1 | 3,831 | \$ 2,476 | 2.48 | 9,486 | 83.3493% | \$ 891,115 | | |
| RESIDENTIAL TOU | 11,21 | 93 | \$ 2,476 | 2.48 | 230 | 2.0234% | 21,632 | | |
| TOTAL RESIDENTIAL | | 3,924 | | | 9,716 | 85.3726% | \$ 912,747 | 30.0000% | \$ 433,283 |
| IRRIGATION | 4 | 131 | \$ 1,143 | 1.14 | 150 | 1.3157% | \$ 14,067 | | |
| IRRIGATION TOU | 14,24 | 35 | \$ 1,143 | 1.14 | 40 | 0.3515% | 3,758 | | |
| TOTAL IRRIGATION | | 166 | | | 190 | 1.6672% | \$ 17,825 | 10.0000% | \$ 144,428 |
| AG SERVICE | 3 | 143 | \$ 1,143 | 1.14 | 163 | 1.4362% | \$ 15,355 | 10.0000% | \$ 144,428 |
| SMALL COMMERCIAL | 5 | 864 | \$ 1,401 | 1.40 | 1,210 | 10.6363% | \$ 113,716 | | |
| SMALL COMMERCIAL TOU | 15,25 | 15 | \$ 1,401 | 1.40 | 21 | 0.1847% | 1,974 | | |
| TOTAL SMALL COMMERCIAL | | 879 | | | 1,231 | 10.8210% | \$ 115,691 | 25.0000% | \$ 361,069 |
| LARGE COMMERCIAL | 6 | 69 | \$ 1,000 | 1.00 | 69 | 0.6063% | \$ 6,482 | 12.5000% | \$ 180,535 |
| INDUSTRIAL | 8 | 11 | \$ 1,000 | 1.00 | 11 | 0.0967% | \$ 1,033 | 12.5000% | \$ 180,535 |
| LIGHTING SERVICE | | 571 | | | | 0.0000% | \$ - | | |
| TOTALS | | 5,763 | | | 11,380 | 100.0000% | \$ 1,069,133 | 100.0000% | \$ 1,444,277 |

COLUMBUS ELECTRIC COOPERATIVE, INC.
ALLOCATION OF ACCOUNT 370 - METERS

| | RATE | No. Consumers | Cost Per Consumer | Cost Ratio | Weighted Consumers | % Of Total | Allocation |
|------------------------|-------|---------------|-------------------|------------|--------------------|------------|--------------|
| TOTAL INVESTMENT | | | | | | | \$ 1,880,329 |
| RESIDENTIAL | 1 | 3,831 | \$ 186 | 1.00 | 3,831 | 52.7306% | \$ 991,509 |
| RESIDENTIAL TOU | 11,21 | 93 | \$ 186 | 1.00 | 93 | 1.2801% | 24,070 |
| TOTAL RESIDENTIAL | | 3,924 | | | 3,924 | 54.0107% | \$ 1,015,579 |
| IRRIGATION | 4 | 131 | \$ 533 | 2.87 | 375 | 5.1670% | \$ 97,156 |
| IRRIGATION TOU | 14,24 | 35 | \$ 533 | 2.87 | 100 | 1.3805% | 25,958 |
| TOTAL IRRIGATION | | 166 | | | 476 | 6.5475% | \$ 123,114 |
| AG SERVICE | 3 | 143 | \$ 869 | 4.67 | 668 | 9.1959% | \$ 172,913 |
| SMALL COMMERCIAL | 5 | 864 | \$ 378 | 2.03 | 1,756 | 24.1682% | \$ 454,441 |
| SMALL COMMERCIAL TOU | 15,25 | 15 | \$ 378 | 2.03 | 30 | 0.4196% | 7,890 |
| TOTAL SMALL COMMERCIAL | | 879 | | | 1,786 | 24.5877% | \$ 462,330 |
| LARGE COMMERCIAL | 6 | 69 | \$ 869 | 4.67 | 322 | 4.4372% | \$ 83,434 |
| INDUSTRIAL | 8 | 11 | \$ 1,500 | 8.06 | 89 | 1.2210% | \$ 22,959 |
| LIGHTING SERVICE | | 571 | | | | 0.0000% | \$ - |
| TOTALS | | 5,763 | | | 7,265 | 100.0000% | \$ 1,880,329 |

E

Case: CEC2912P
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COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 COST OF SERVICE ALLOCATION - REVENUES

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|---------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| REVENUES | | | | | | | | | |
| ENERGY REVENUE | 13,420,656 | 9 | 4,003,536 | 934,961 | 4,831,798 | 1,498,982 | 1,384,056 | 654,654 | 112,669 |
| FPPCA & DCA REVENUE | 0 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER REVENUE | 26,577 | 21 | 8,204 | 1,916 | 9,086 | 2,925 | 2,789 | 1,402 | 255 |
| Total | | | | | | | | | |
| REVENUES | 13,447,233 | 112* | 4,011,740 | 936,877 | 4,840,884 | 1,501,907 | 1,386,845 | 656,056 | 112,924 |
| | | | 29.833% | 6.967% | 35.999% | 11.169% | 10.313% | 4.879% | 0.840% |
| TOTAL | | | | | | | | | |
| REVENUES | 13,447,233 | 113* | 4,011,740 | 936,877 | 4,840,884 | 1,501,907 | 1,386,845 | 656,056 | 112,924 |
| | | | 29.833% | 6.967% | 35.999% | 11.169% | 10.313% | 4.879% | 0.840% |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

RESIDENTIAL

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | 41,310 | | \$ 12.35 | \$ 510,179 |
| Customer Charge - TOU | 820 | | \$ 15.60 | 12,792 |
| Energy Charge - Regular | | 23,460,048 | \$ 0.0864 | 2,026,948 |
| Energy Charge - TOU - On Peak | | 415,461 | \$ 0.0975 | 40,507 |
| Energy Charge - TOU - Off Peak | | 271,426 | \$ 0.0600 | 16,286 |
| FPPCA Revenue | | 24,146,935 | \$ 0.038407 | 927,417 |
| DCA Revenue | | 24,146,935 | \$ 0.001557 | 37,585 |
| Total Revenue | | | | <u>\$ 3,571,714</u> |

IRRIGATION

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|-------------------|
| Customer Charge - Regular | 1,469 | | \$ 32.50 | \$ 47,743 |
| Customer Charge - TOU | 359 | | \$ 45.50 | 16,335 |
| Energy Charge - Regular | | 5,513,655 | \$ 0.09200 | 507,256 |
| Energy Charge - TOU - On Peak | | 337,128 | \$ 0.1030 | 34,724 |
| Energy Charge - TOU - Off Peak | | 373,187 | \$ 0.0600 | 22,391 |
| Revenue from Minimum Bills | | | | 8,541 |
| FPPCA Revenue | | 6,223,970 | \$ 0.038534 | 239,834 |
| DCA Revenue | | 6,223,970 | \$ 0.001944 | 12,102 |
| Total Revenue | | | | <u>\$ 888,926</u> |

AG SERVICE

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------------|--------------|------------|-------------|---------------------|
| Customer Charge | 1,613 | | \$ 65.00 | \$ 104,845 |
| Energy Charge | | 39,375,674 | \$ 0.06950 | 2,736,609 |
| Revenue from Minimums | | 1,435,827 | \$ 0.06950 | 99,790 |
| FPPCA Revenue | | 40,811,501 | \$ 0.03565 | 1,455,096 |
| DCA Revenue | | 40,811,501 | \$ 0.00174 | 71,081 |
| Total Revenue | | | | <u>\$ 4,467,421</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

COMMERCIAL Under 50 KVA

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|------------------------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | 9,958 | | \$ 16.25 | \$ 161,818 |
| Customer Charge - TOU | 180 | | \$ 19.50 | 3,510 |
| Energy Charge - Regular | | 9,653,854 | \$ 0.08220 | 793,547 |
| Energy Charge - TOU-On Peak | | 192,461 | \$ 0.0922 | 17,745 |
| Energy Charge - TOU-Off Peak | | 196,413 | \$ 0.0590 | 11,588 |
| FPPCA Revenue | | 10,042,728 | \$ 0.03822 | 383,790 |
| DCA Revenue | | 10,042,728 | \$ 0.00238 | 23,862 |
| Total Revenue | | | | <u>\$ 1,395,860</u> |

COMMERCIAL 50 - 350 KVA

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|----------------------------|--------------|------------------|------------|-------------|---------------------|
| Customer Charge - Regular | 822 | | | \$ 45.50 | \$ 37,401 |
| Demand Charge | | 33,767 | | \$ 12.00 | 405,204 |
| Energy Charge | | | 10,106,220 | \$ 0.05200 | 525,523 |
| Revenue from Minimum Bills | | | | | 10,111 |
| FPPCA Revenue | | | 10,106,220 | \$ 0.03786 | 382,647 |
| DCA Revenue | | | 10,106,220 | \$ 0.00229 | 23,161 |
| Total Revenue | | | | | <u>\$ 1,384,047</u> |

COMMERCIAL Over 350 KVA

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------|--------------|------------------|------------|-------------|-------------------|
| Customer Charge | 136 | | | \$ 45.50 | \$ 6,188 |
| Demand Charge | | 20,095 | | \$ 12.50 | 251,188 |
| Energy Charge | | | 4,138,760 | \$ 0.04410 | 182,519 |
| Minimums | | | | | 51,678 |
| FPPCA Revenue | | | 4,138,760 | \$ 0.037264 | 154,225 |
| DCA Revenue | | | 4,138,760 | \$ 0.002146 | 8,881 |
| Total Revenue | | | | | <u>\$ 654,679</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 NEW MEXICO

| | Bills | Kwh | Rate | Revenue |
|-------------------------------|-------|-------------------|------------|----------------------|
| 175 Watt Mercury Vapor | 3,398 | 271,840 | \$ 11.75 | \$ 39,927 |
| 400 Watt High Pressure Sodium | 3,022 | 126,924 | \$ 13.50 | \$ 40,797 |
| 100 Watt High Pressure Sodium | 272 | 48,960 | \$ 23.50 | \$ 6,392 |
| FPPCA Revenue | | 447,724 | \$ 0.03856 | 17,266 |
| DCA Revenue | | 447,724 | \$ 0.00194 | 870 |
| Total Revenue | | | | <u>\$ 105,252</u> |
| Totals | | <u>95,917,838</u> | | <u>\$ 12,467,898</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 ARIZONA

RESIDENTIAL

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|-------------------|
| Customer Charge - Regular | 4,666 | | \$ 12.35 | \$ 57,625 |
| Customer Charge - TOU | 286 | | \$ 15.60 | 4,462 |
| Energy Charge - Regular | | 2,219,074 | \$ 0.0864 | 191,728 |
| Energy Charge - TOU - On Peak | | 113,348 | \$ 0.0975 | 11,051 |
| Energy Charge - TOU - Off Peak | | 100,943 | \$ 0.0600 | 6,057 |
| FPPCA Revenue | | 2,433,365 | \$ 0.041468 | 100,906 |
| Total Revenue | | | | <u>\$ 371,829</u> |

IRRIGATION

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|------------------|
| Customer Charge - Regular | 109 | | \$ 32.50 | \$ 3,543 |
| Customer Charge - TOU | 54 | | \$ 45.50 | 2,457 |
| Energy Charge - Regular | | 209,607 | \$ 0.09200 | 19,284 |
| Energy Charge - TOU - On Peak | | 50,943 | \$ 0.1030 | 5,247 |
| Energy Charge - TOU - Off Peak | | 67,580 | \$ 0.0600 | 4,055 |
| Revenue from Minimum Bills | | | | 544 |
| FPPCA Revenue | | 328,130 | \$ 0.033255 | 10,912 |
| Total Revenue | | | | <u>\$ 46,041</u> |

AG SERVICE

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------------|--------------|------------|-------------|-------------------|
| Customer Charge | 107 | | \$ 65.00 | \$ 6,955 |
| Energy Charge | | 3,386,920 | \$ 0.06950 | 235,391 |
| Revenue from Minimums | | 47,612 | \$ 0.06950 | 3,309 |
| FPPCA Revenue | | 3,434,532 | \$ 0.03424 | 118,664 |
| Total Revenue | | | | <u>\$ 364,319</u> |

COMMERCIAL Under 50 KVA

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|------------------------------|--------------|------------|-------------|------------------|
| Customer Charge - Regular | 410 | | \$ 16.25 | \$ 6,663 |
| Customer Charge - TOU | | | \$ 19.50 | - |
| Energy Charge - Regular | | 378,290 | \$ 0.08220 | 31,095 |
| Energy Charge - TOU-On Peak | | | \$ 0.0922 | - |
| Energy Charge - TOU-Off Peak | | | \$ 0.0590 | - |
| FPPCA Revenue | | 378,290 | \$ 0.04064 | 15,373 |
| Total Revenue | | | | <u>\$ 53,131</u> |

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-------------------------------|--------------|------------|-------------|-----------------|
| 100 Watt High Pressure Sodium | 160 | 6,720 | \$ 13.50 | \$ 2,160 |
| FPPCA Revenue | | 6,720 | \$ 0.04137 | 278 |
| Total Revenue | | | | <u>\$ 2,438</u> |

| | | | | |
|--------|--|------------------|--|-------------------|
| Totals | | <u>6,581,037</u> | | <u>\$ 837,758</u> |
|--------|--|------------------|--|-------------------|

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
TOTAL SYSTEM

RESIDENTIAL

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | 45,976 | | \$ 12.35 | \$ 567,804 |
| Customer Charge - TOU | 1,106 | | \$ 15.60 | 17,254 |
| Energy Charge - Regular | | 25,679,122 | \$ 0.0864 | 2,218,676 |
| Energy Charge - TOU - On Peak | | 528,809 | \$ 0.0975 | 51,559 |
| Energy Charge - TOU - Off Peak | | 372,369 | \$ 0.0600 | 22,342 |
| FPPCA Revenue | | 26,580,300 | \$ 0.038687 | 1,028,323 |
| DCA Revenue | | 24,146,935 | \$ 0.001557 | 37,585 |
| Total Revenue | | 26,580,300 | | <u>\$ 3,943,542</u> |

IRRIGATION

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|--------------|------------|-------------|-------------------|
| Customer Charge - Regular | 1,578 | | \$ 32.50 | \$ 51,285 |
| Customer Charge - TOU | 413 | | \$ 45.50 | 18,792 |
| Energy Charge - Regular | | 5,723,262 | \$ 0.09200 | 526,540 |
| Energy Charge - TOU - On Peak | | 388,071 | \$ 0.1030 | 39,971 |
| Energy Charge - TOU - Off Peak | | 440,767 | \$ 0.0600 | 26,446 |
| Revenue from Minimum Bills | | | | 9,085 |
| FPPCA Revenue | | 6,552,100 | \$ 0.038270 | 250,746 |
| DCA Revenue | | 6,223,970 | \$ 0.001944 | 12,102 |
| Total Revenue | | | | <u>\$ 934,967</u> |

AG SERVICE

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------------|--------------|------------|-------------|---------------------|
| Customer Charge | 1,720 | | \$ 65.00 | \$ 111,800 |
| Energy Charge | | 42,762,594 | \$ 0.06950 | 2,972,000 |
| Revenue from Minimums | | 1,483,439 | \$ 0.0695 | 103,099 |
| FPPCA Revenue | | 44,246,033 | \$ 0.03557 | 1,573,760 |
| DCA Revenue | | 39,375,674 | \$ 0.00181 | 71,081 |
| Total Revenue | | | | <u>\$ 4,831,740</u> |

COMMERCIAL Under 50 KVA

| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|------------------------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | 10,368 | | \$ 16.25 | \$ 168,480 |
| Customer Charge - TOU | 180 | | \$ 19.50 | 3,510 |
| Energy Charge - Regular | | 10,032,144 | \$ 0.08220 | 824,642 |
| Energy Charge - TOU-On Peak | | 192,461 | \$ 0.0922 | 17,745 |
| Energy Charge - TOU-Off Peak | | 196,413 | \$ 0.0590 | 11,588 |
| FPPCA Revenue | | 10,421,018 | \$ 0.03830 | 399,163 |
| DCA Revenue | | 10,042,728 | \$ 0.00238 | 23,862 |
| Total Revenue | | | | <u>\$ 1,448,991</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PRESENT RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-2.0
 TOTAL SYSTEM

COMMERCIAL 50 - 350 KVA

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|----------------------------|--------------|------------------|------------|-------------|---------------------|
| Customer Charge - Regular | 822 | | | \$ 45.50 | \$ 37,401 |
| Demand Charge | | 33,767 | | \$ 12.00 | 405,204 |
| Energy Charge | | | 10,106,220 | \$ 0.05200 | 525,523 |
| Revenue from Minimum Bills | | | | | 10,111 |
| FPPCA Revenue | | | 10,106,220 | \$ 0.03786 | 382,647 |
| DCA Revenue | | | 10,106,220 | \$ 0.00229 | 23,161 |
| Total Revenue | | | | | <u>\$ 1,384,047</u> |

COMMERCIAL Over 350 KVA

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------|--------------|------------------|------------|-------------|-------------------|
| Customer Charge | 136 | | | \$ 45.50 | \$ 6,188 |
| Demand Charge | | 20,095 | | \$ 12.50 | 251,188 |
| Energy Charge | | | 4,138,760 | \$ 0.04410 | 182,519 |
| Minimums | | | | | 51,678 |
| FPPCA Revenue | | | 4,138,760 | \$ 0.03726 | 154,225 |
| DCA Revenue | | | 4,138,760 | \$ 0.00215 | 8,881 |
| Total Revenue | | | | | <u>\$ 654,679</u> |

LIGHTING

| | <u>Bills</u> | <u>Kwh</u> | <u>Rate</u> | <u>Revenue</u> |
|-------------------------------|--------------|------------|-------------|-------------------|
| 175 Watt Mercury Vapor | 3,398 | 271,840 | \$ 11.75 | \$ 39,927 |
| 100 Watt High Pressure Sodium | 3,182 | 133,644 | \$ 13.50 | \$ 42,957 |
| 400 Watt High Pressure Sodium | 272 | 48,960 | \$ 23.50 | \$ 6,392 |
| FPPCA Revenue | | 454,444 | \$ 0.03861 | 17,544 |
| DCA Revenue | | 447,724 | \$ 0.00194 | 870 |
| Total Revenue | | | | <u>\$ 107,690</u> |

Totals

| | | | | | |
|--|--|--------------------|--|--|----------------------|
| | | <u>102,498,875</u> | | | <u>\$ 13,305,656</u> |
|--|--|--------------------|--|--|----------------------|

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 TOTAL SYSTEM

| RESIDENTIAL | Rates 1, 11, 21 | | | | |
|--------------------------------|-----------------|--------------|------------|-------------|---------------------|
| | | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge - Regular | | 45,976 | | \$ 20.00 | \$ 919,520 |
| Customer Charge - TOU | | 1,106 | | \$ 23.50 | 25,991 |
| Energy Charge - Regular | | | 25,679,122 | \$ 0.11507 | 2,954,897 |
| Energy Charge - TOU - On Peak | | | 528,809 | \$ 0.13500 | 71,389 |
| Energy Charge - TOU - Off Peak | | | 372,369 | \$ 0.08524 | 31,741 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 26,580,300 | | <u>\$ 4,003,538</u> |

| IRRIGATION | Rates 4, 14, 24 | | | | |
|--------------------------------|-----------------|--------------|------------|-------------|-------------------|
| | | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge - Regular | | 1,578 | | \$ 75.00 | \$ 118,350 |
| Customer Charge - TOU | | 413 | | \$ 78.50 | 32,421 |
| Energy Charge - Regular | | | 5,723,262 | \$ 0.12200 | 698,238 |
| Energy Charge - TOU - On Peak | | | 388,071 | \$ 0.13000 | 50,449 |
| Energy Charge - TOU - Off Peak | | | 440,767 | \$ 0.08055 | 35,504 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 6,552,100 | | <u>\$ 934,961</u> |

| AG SERVICE | Rate 3 | | | | |
|-----------------------|--------|--------------|------------|-------------|---------------------|
| | | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge | | 1,720 | | \$ 110.00 | \$ 189,200 |
| Energy Charge | | | 42,762,594 | \$ 0.104930 | 4,487,079 |
| Revenue from Minimums | | | 1,483,439 | \$ 0.104930 | 155,657 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Total Revenue | | | 42,762,594 | | <u>\$ 4,831,936</u> |

| COMMERCIAL Under 50 KVA | Rates 5, 15, 25 | | | | |
|------------------------------|-----------------|--------------|------------|-------------|---------------------|
| | | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge - Regular | | 10,368 | | \$ 35.00 | \$ 362,880 |
| Customer Charge - TOU | | 180 | | \$ 38.50 | 6,930 |
| Energy Charge - Regular | | | 10,032,144 | \$ 0.10821 | 1,085,578 |
| Energy Charge - TOU-On Peak | | | 192,461 | \$ 0.13725 | 26,415 |
| Energy Charge - TOU-Off Peak | | | 196,413 | \$ 0.08746 | 17,178 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 10,421,018 | | <u>\$ 1,498,982</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 TOTAL SYSTEM

| COMMERCIAL 50 - 350 KVA | | Rate 6 | | | | |
|-------------------------------|--------------|--------|------------------|--------------------|-------------|---------------------|
| | <u>Bills</u> | | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge - Regular | 822 | | | | \$ 360.00 | \$ 295,920 |
| Demand Charge | | | 33,767 | | \$ 16.50 | 557,156 |
| Energy Charge | | | | 10,106,220 | \$ 0.05254 | 530,981 |
| Revenue from Minimum Bills | | | | | | |
| FPPCA Revenue | | | | | | |
| Total Revenue | | | | 10,106,220 | | <u>\$ 1,384,056</u> |
| | | | | | | |
| COMMERCIAL Over 350 KVA | | Rate 9 | | | | |
| | <u>Bills</u> | | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
| Customer Charge | 136 | | | | \$ 600.00 | \$ 81,600 |
| Demand Charge | | | 20,095 | | \$ 17.00 | 341,615 |
| Energy Charge | | | | 4,138,760 | \$ 0.05592 | 231,439 |
| Minimums | | | | | | |
| FPPCA Revenue | | | | | | |
| DCA Revenue | | | | | | |
| Total Revenue | | | | 4,138,760 | | <u>\$ 654,654</u> |
| | | | | | | |
| | | | <u>Bills</u> | <u>Kwh</u> | <u>Rate</u> | <u>Revenue</u> |
| 175 Watt Mercury Vapor | | | 3,398 | 271,840 | \$ 15.25 | \$ 51,820 |
| 100 Watt High Pressure Sodium | | | 3,182 | 133,644 | \$ 16.25 | \$ 51,708 |
| 400 Watt High Pressure Sodium | | | 272 | 48,960 | \$ 32.45 | \$ 8,826 |
| FPPCA Revenue | | | | | | |
| DCA Revenue | | | | | | |
| Total Revenue | | | | 454,444 | | <u>\$ 112,353</u> |
| | | | | | | |
| Totals | | | | <u>101,015,436</u> | | <u>13,420,481</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 NEW MEXICO

| RESIDENTIAL | Rates 1, 11, 21 | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|-----------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | | 41,310 | | \$ 20.00 | \$ 826,200 |
| Customer Charge - TOU | | 820 | | \$ 23.50 | 19,270 |
| Energy Charge - Regular | | | 23,460,048 | \$ 0.11507 | 2,699,548 |
| Energy Charge - TOU - On Peak | | | 415,461 | \$ 0.13500 | 56,087 |
| Energy Charge - TOU - Off Peak | | | 271,426 | \$ 0.08524 | 23,136 |
| Revenue from Minimum Bills | | | | | |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 24,146,935 | | <u>\$ 3,624,241</u> |

| IRRIGATION | Rates 4, 14, 24 | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|--------------------------------|-----------------|--------------|------------|-------------|-------------------|
| Customer Charge - Regular | | 1,469 | | \$ 75.00 | \$ 110,175 |
| Customer Charge - TOU | | 359 | | \$ 78.50 | 28,182 |
| Energy Charge - Regular | | | 5,513,655 | \$ 0.12200 | 672,666 |
| Energy Charge - TOU - On Peak | | | 337,128 | \$ 0.13000 | 43,827 |
| Energy Charge - TOU - Off Peak | | | 373,187 | \$ 0.08055 | 30,060 |
| Revenue from Minimum Bills | | | | | |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Total Revenue | | | 6,223,970 | | <u>\$ 884,909</u> |

| AG SERVICE | Rate 3 | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------------|--------|--------------|------------|-------------|---------------------|
| Customer Charge | | 1,613 | | \$ 110.00 | \$ 177,430 |
| Energy Charge | | | 39,375,674 | \$ 0.104930 | 4,131,689 |
| Revenue from Minimums | | | 1,435,827 | \$ 0.104930 | 150,661 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 39,375,674 | | <u>\$ 4,459,781</u> |

| COMMERCIAL Under 50 KVA | Rates 5, 15, 25 | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|------------------------------|-----------------|--------------|------------|-------------|---------------------|
| Customer Charge - Regular | | 9,958 | | \$ 35.00 | \$ 348,530 |
| Customer Charge - TOU | | 180 | | \$ 38.50 | 6,930 |
| Energy Charge - Regular | | | 9,653,854 | \$ 0.10821 | 1,044,644 |
| Energy Charge - TOU-On Peak | | | 192,461 | \$ 0.13725 | 26,415 |
| Energy Charge - TOU-Off Peak | | | 196,413 | \$ 0.08746 | 17,178 |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 10,042,728 | | <u>\$ 1,443,697</u> |

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

SCHEDULE E-3.0
 NEW MEXICO

COMMERCIAL 50 - 350 KVA Rate 6

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|----------------------------|--------------|------------------|------------|-------------|---------------------|
| Customer Charge - Regular | 822 | | | \$ 360.00 | \$ 295,920 |
| Demand Charge | | 33,767 | | \$ 16.50 | 557,156 |
| Energy Charge | | | 10,106,220 | \$ 0.05254 | 530,981 |
| Revenue from Minimum Bills | | | | | |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 10,106,220 | | <u>\$ 1,384,056</u> |

COMMERCIAL Over 350 KVA Rate 9

| | <u>Bills</u> | <u>KW Demand</u> | <u>kWh</u> | <u>Rate</u> | <u>Revenue</u> |
|-----------------|--------------|------------------|------------|-------------|-------------------|
| Customer Charge | 136 | | | \$ 600.00 | \$ 81,600 |
| Demand Charge | | 20,095 | | \$ 17.00 | 341,615 |
| Energy Charge | | | 4,138,760 | \$ 0.05592 | 231,439 |
| Minimums | | | | | |
| FPPCA Revenue | | | | | |
| DCA Revenue | | | | | |
| Totals | | | 4,138,760 | | <u>\$ 654,654</u> |

LIGHTING SERVICE

| | <u>Bills</u> | <u>Kwh</u> | <u>Rate</u> | <u>Revenue</u> |
|-------------------------------|--------------|------------|-------------|-------------------|
| 175 Watt Mercury Vapor | 3,398 | 271,840 | \$ 15.25 | \$ 51,820 |
| 100 Watt High Pressure Sodium | 3,022 | 126,924 | \$ 16.25 | \$ 49,108 |
| 400 Watt High Pressure Sodium | 272 | 48,960 | \$ 32.45 | \$ 8,826 |
| FPPCA Revenue | | | | |
| DCA Revenue | | | | |
| Total Revenue | | 447,724 | | <u>\$ 109,753</u> |

Totals

| | | | |
|--|-------------------|--|----------------------|
| | <u>94,482,011</u> | | <u>\$ 12,561,092</u> |
|--|-------------------|--|----------------------|

COLUMBUS ELECTRIC COOPERATIVE, INC.
 PROOF OF REVENUE - PROPOSED RATES
 OCTOBER 1, 2011 - SEPTEMBER 30, 2012

**SCHEDULE E-3.0
 ARIZONA**

| RESIDENTIAL | | Rates 1, 11, 21 | | | | |
|--------------------------------|--------------|-----------------|-------------|----|-------------------|--|
| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | | <u>Revenue</u> | |
| Customer Charge - Regular | 4,666 | | \$ 20.00 | \$ | 93,320 | |
| Customer Charge - TOU | 286 | | \$ 23.50 | | 6,721 | |
| Energy Charge - Regular | | 2,219,074 | \$ 0.11507 | | 255,349 | |
| Energy Charge - TOU - On Peak | | 113,348 | \$ 0.13500 | | 15,302 | |
| Energy Charge - TOU - Off Peak | | 100,943 | \$ 0.08524 | | 8,604 | |
| FPPCA Revenue | | | | | | |
| Totals | | 2,433,365 | | | <u>\$ 379,296</u> | |
| | | | | | | |
| IRRIGATION | | Rates 4, 14, 24 | | | | |
| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | | <u>Revenue</u> | |
| Customer Charge - Regular | 109 | | \$ 75.00 | \$ | 8,175 | |
| Customer Charge - TOU | 54 | | \$ 78.50 | | 4,239 | |
| Energy Charge - Regular | | 209,607 | \$ 0.12200 | | 25,572 | |
| Energy Charge - TOU - On Peak | | 50,943 | \$ 0.13000 | | 6,623 | |
| Energy Charge - TOU - Off Peak | | 67,580 | \$ 0.08055 | | 5,444 | |
| Revenue from Minimum Bills | | | | | | |
| FPPCA Revenue | | | | | | |
| Totals | | 328,130 | | | <u>\$ 50,052</u> | |
| | | | | | | |
| AG SERVICE | | Rate 3 | | | | |
| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | | <u>Revenue</u> | |
| Customer Charge | 107 | | \$ 110.00 | \$ | 11,770 | |
| Energy Charge | | 3,386,920 | \$ 0.10493 | | 355,390 | |
| Revenue from Minimums | | 47,612 | \$ 0.10493 | | 4,996 | |
| FPPCA Revenue | | | | | | |
| Totals | | 3,386,920 | | | <u>\$ 372,155</u> | |
| | | | | | | |
| COMMERCIAL Under 50 KVA | | Rates 5,15, 25 | | | | |
| | <u>Bills</u> | <u>kWh</u> | <u>Rate</u> | | <u>Revenue</u> | |
| Customer Charge - Regular | 410 | | \$ 35.00 | \$ | 14,350 | |
| Customer Charge - TOU | | | \$ 38.50 | | - | |
| Energy Charge - Regular | | 378,290 | \$ 0.10821 | | 40,935 | |
| Energy Charge - TOU-On Peak | | | \$ 0.13725 | | - | |
| Energy Charge - TOU-Off Peak | | | \$ 0.08746 | | - | |
| FPPCA Revenue | | | | | | |
| Totals | | 378,290 | | | <u>\$ 55,285</u> | |

COLUMBUS ELECTRIC COOPERATIVE, INC.
PROOF OF REVENUE - PROPOSED RATES
OCTOBER 1, 2011 - SEPTEMBER 30, 2012

**SCHEDULE E-3.0
ARIZONA**

LIGHTING SERVICE

| | Bills | Kwh | Rate | Revenue |
|-------------------------------|--------------|------------------|-------------|-------------------|
| 100 Watt High Pressure Sodium | 160 | 6,720 | \$ 16.25 | \$ 2,600 |
| FPPCA Revenue | | | | |
| Totals | | 6,720 | | <u>\$ 2,600</u> |
| Totals | | <u>6,533,425</u> | | <u>\$ 859,388</u> |

SCHEDULE E-4.0

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

RESIDENTIAL

| KWH | Rate 1 | | (3,442 Customers) | | |
|------|----------|----------|-------------------|----------|--|
| | PRESENT | PROPOSED | \$ | % | |
| | BILL | BILL | INCREASE | INCREASE | |
| 0 | \$ 12.35 | \$ 20.00 | 7.65 | 61.94 | |
| 100 | \$ 24.99 | \$ 31.51 | 6.52 | 26.10 | |
| 250 | 43.94 | 48.77 | 4.83 | 10.98 | |
| 500 | 75.53 | 77.54 | 2.00 | 2.65 | |
| 750 | 107.12 | 106.30 | (0.82) | (0.77) | |
| 1000 | 138.71 | 135.07 | (3.64) | (2.63) | |
| 1500 | 201.90 | 192.61 | (9.29) | (4.60) | |
| 2000 | 265.08 | 250.14 | (14.94) | (5.64) | |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 12.35 | \$ 20.00 |
| Energy Chg | \$ 0.0864 | \$ 0.11507 |
| Power Cost Adj | \$ 0.038407 | |
| Debt Cost Adj | \$ 0.001557 | |

RESIDENTIAL - TIME OF USE

| KWH | | Rates 11, 21 | | (68 Customers) | | |
|----------|-----|--------------|----------|----------------|----------|--|
| | | PRESENT | PROPOSED | \$ | % | |
| | | BILL | BILL | INCREASE | INCREASE | |
| On Peak | 60% | 0 \$ 15.60 | \$ 23.50 | 7.90 | 50.64 | |
| Off Peak | 40% | 100 | 35.03 | 7.17 | 25.73 | |
| | | 250 | 52.32 | 6.07 | 13.12 | |
| | | 500 | 81.15 | 4.24 | 5.51 | |
| | | 750 | 109.97 | 2.41 | 2.24 | |
| | | 1000 | 138.21 | 0.58 | 0.42 | |
| | | 1500 | 199.52 | (3.06) | (1.54) | |
| | | 2000 | 280.83 | (6.74) | (2.58) | |

| | | |
|----------------------|-------------|------------|
| Customer Chg | \$ 15.60 | \$ 23.50 |
| Energy Chg - On Peak | \$ 0.0975 | \$ 0.13500 |
| Energy Chg - On Peak | \$ 0.0600 | \$ 0.08524 |
| Power Cost Adj | \$ 0.038407 | |
| Debt Cost Adj | \$ 0.001557 | |

IRRIGATION

| KWH | Rate 4 | | (122 Customers) | | |
|------|-----------|-----------|-----------------|----------|--|
| | PRESENT | PROPOSED | \$ | % | |
| | BILL | BILL | INCREASE | INCREASE | |
| 1000 | \$ 164.98 | \$ 197.00 | 32.02 | 19.41 | |
| 1500 | 231.22 | 258.00 | 26.78 | 11.58 | |
| 2000 | 297.46 | 319.00 | 21.54 | 7.24 | |
| 2500 | 363.70 | 380.00 | 16.31 | 4.48 | |
| 3000 | 429.93 | 441.00 | 11.07 | 2.57 | |
| 4000 | 582.41 | 583.00 | 0.59 | 0.10 | |
| 5000 | 684.89 | 685.00 | (9.89) | (1.42) | |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 32.50 | \$ 75.00 |
| Energy Chg | \$ 0.0920 | \$ 0.12200 |
| Power Cost Adj | \$ 0.038534 | |
| Debt Cost Adj | \$ 0.001944 | |

SCHEDULE E-4.0

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

IRRIGATION TIME OF USE

| | | Rates 14, 24 | | (30 Customers) | | |
|----------------------|-------|--------------|-------------|----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| On Peak | 47.5% | 1000 | \$ 166.40 | 182.54 | 16.14 | 9.70 |
| Off Peak | 52.5% | 1500 | 226.85 | 234.56 | 7.70 | 3.40 |
| | | 2000 | 287.31 | 286.56 | (0.73) | (0.25) |
| | | 2500 | 347.76 | 336.60 | (9.16) | (2.63) |
| | | 3000 | 408.21 | 390.62 | (17.59) | (4.31) |
| | | 4000 | 529.11 | 494.66 | (34.46) | (6.51) |
| | | 5000 | 650.02 | 598.69 | (51.32) | (7.90) |
| Customer Chg | | | \$ 45.50 | \$ 78.50 | | |
| Energy Chg - On Peak | | | \$ 0.1030 | \$ 0.13000 | | |
| Energy Chg - On Peak | | | \$ 0.0800 | \$ 0.08055 | | |
| Power Cost Adj | | | \$ 0.038534 | | | |
| Debt Cost Adj | | | \$ 0.001944 | | | |

AG SERVICE

| | | Rate 3 | | (134 Customers) | | |
|----------------|--|------------|-------------|-----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| | | 5000 | \$ 606.30 | \$ 634.65 | 28.35 | 4.68 |
| | | 7500 | 676.95 | 696.96 | 20.03 | 2.28 |
| | | 10000 | 1,147.60 | 1,159.30 | 11.70 | 1.02 |
| | | 12500 | 1,418.25 | 1,421.63 | 3.38 | 0.24 |
| | | 15000 | 1,688.90 | 1,683.95 | (4.95) | (0.29) |
| | | 20000 | 2,230.20 | 2,208.90 | (21.60) | (0.97) |
| | | 25000 | 2,771.50 | 2,733.25 | (38.25) | (1.38) |
| Customer Chg | | | \$ 65.00 | \$ 110.00 | | |
| Energy Chg | | | \$ 0.0695 | \$ 0.10493 | | |
| Power Cost Adj | | | \$ 0.036950 | | | |
| Debt Cost Adj | | | \$ 0.001810 | | | |

SMALL COMMERCIAL
UNDER 50 KVA

| | | Rate 5 | | (830 Customers) | | |
|----------------|--|------------|-------------|-----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| | | 250 | \$ 46.95 | \$ 62.05 | 15.10 | 32.17 |
| | | 500 | 77.65 | 89.11 | 11.46 | 14.75 |
| | | 750 | 108.35 | 116.16 | 7.81 | 7.21 |
| | | 1000 | 139.05 | 143.21 | 4.16 | 2.99 |
| | | 1250 | 169.75 | 170.26 | 0.51 | 0.30 |
| | | 1500 | 200.45 | 197.32 | (3.13) | (1.56) |
| | | 2000 | 261.85 | 251.42 | (10.43) | (3.98) |
| | | 3000 | 384.65 | 359.63 | (25.02) | (6.50) |
| Customer Chg | | | \$ 16.25 | \$ 35.00 | | |
| Energy Chg | | | \$ 0.0822 | \$ 0.10821 | | |
| Power Cost Adj | | | \$ 0.038220 | | | |
| Debt Cost Adj | | | \$ 0.002380 | | | |

SCHEDULE E-4.0

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - NEW MEXICO

SMALL COMMERCIAL
TIME OF USE

| | | Rates 15, 25 | | (15 Customers) | | |
|----------------------|-------|--------------|-------------|----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| On Peak | 49.5% | 250 | \$ 38.38 | \$ 68.53 | 28.15 | 73.34 |
| Off Peak | 50.5% | 500 | 57.24 | 94.55 | 37.32 | 65.19 |
| | | 750 | 76.08 | 122.58 | 46.50 | 61.13 |
| | | 1000 | 94.93 | 150.81 | 55.67 | 58.64 |
| | | 1500 | 132.65 | 208.66 | 74.01 | 55.79 |
| | | 2000 | 170.37 | 282.71 | 92.34 | 54.20 |
| | | 3000 | 245.80 | 374.82 | 129.02 | 52.49 |
| Customer Chg | | | \$ 19.50 | \$ 38.50 | | |
| Energy Chg - On Peak | | | \$ 0.0922 | \$ 0.13725 | | |
| Energy Chg - On Peak | | | \$ 0.0590 | \$ 0.08748 | | |
| Power Cost Adj | | | \$ 0.038220 | | | |
| Debs Cost Adj | | | \$ 0.002380 | | | |

LARGE COMMERCIAL
50 - 350 KVA

| | | Rate 6 | | (69 Customers) | | |
|------------------|----------------|------------|-------------|----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| <u>KW</u> | <u>LD FCTR</u> | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| KW DEMAND | 50 | 20% 7300 | \$ 1,318.20 | \$ 1,568.54 | 250.35 | 18.99 |
| | 50 | 30% 10950 | 1,654.54 | 1,780.31 | 105.77 | 6.39 |
| | 50 | 40% 14600 | 1,990.89 | 1,952.08 | (38.81) | (1.95) |
| | 50 | 50% 18250 | 2,327.24 | 2,143.86 | (183.38) | (7.88) |
| | 50 | 60% 21900 | 2,663.59 | 2,335.63 | (327.96) | (12.31) |
| Customer Chg | | | \$ 45.50 | \$ 360.00 | | |
| KW Demand Charge | | | \$ 12.00 | \$ 18.50 | | |
| Energy Charge | | | \$ 0.0520 | \$ 0.05254 | | |
| Power Cost Adj | | | \$ 0.037880 | | | |
| Debt Cost Adj | | | \$ 0.002290 | | | |

INDUSTRIAL
OVER 350 KVA

| | | Rate 8 | | (11 Customers) | | |
|------------------|----------------|------------|-------------|----------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % | |
| <u>KW</u> | <u>LD FCTR</u> | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| KW DEMAND | 400 | 20% 58400 | \$ 9,922.48 | \$ 10,685.73 | 743.24 | 7.49 |
| | 400 | 25% 73000 | 11,141.73 | 11,482.16 | 340.43 | 3.06 |
| | 400 | 30% 87600 | 12,380.98 | 12,298.59 | (82.38) | (0.50) |
| | 400 | 40% 116800 | 14,799.47 | 13,931.46 | (868.01) | (5.87) |
| | 400 | 50% 148000 | 17,237.96 | 15,564.32 | (1,673.64) | (9.71) |
| Customer Chg | | | \$ 45.50 | \$ 600.00 | | |
| KW Demand Charge | | | \$ 12.50 | \$ 17.00 | | |
| Energy Charge | | | \$ 0.0441 | \$ 0.05592 | | |
| Power Cost Adj | | | \$ 0.037264 | | | |
| Debt Cost Adj | | | \$ 0.002146 | | | |

LIGHTING

| | | Rate 7 | | (558 Customers) | | |
|-------------------------------|------------|-------------|-------------|-----------------|-----------------|--|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> | |
| 175 Watt Mercury Vapor | | \$ 14.99 | \$ 15.25 | \$ 0.26 | 1.73 | |
| 100 Watt High Pressure Sodium | | \$ 15.12 | \$ 16.25 | \$ 1.13 | 7.47 | |
| 400 Watt High Pressure Sodium | | \$ 30.45 | \$ 32.45 | \$ 2.00 | 6.57 | |
| Customer Charge | <u>KWH</u> | | | | | |
| 175 Watt Mercury Vapor | 80 | \$ 11.75 | \$ 15.25 | | | |
| 100 Watt High Pressure Sodium | 42 | \$ 13.50 | \$ 16.25 | | | |
| 400 Watt High Pressure Sodium | 180 | \$ 23.50 | \$ 32.45 | | | |
| Fuel Adjustment Charge | | \$ 0.038580 | | | | |
| Debt Cost Adj | | \$ 0.001940 | | | | |

SCHEDULE E-4.1

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

RESIDENTIAL

| KWH | Rate 1 | | (389 Customers) | |
|------|-----------------|------------------|-----------------|---------------|
| | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 0 | \$ 12.35 | \$ 20.00 | 7.65 | 61.94 |
| 100 | 25.14 | 31.51 | 6.37 | 25.34 |
| 250 | 44.32 | 48.77 | 4.45 | 10.04 |
| 500 | 76.28 | 77.54 | 1.25 | 1.64 |
| 750 | 108.25 | 106.30 | (1.95) | (1.80) |
| 1000 | 140.22 | 135.07 | (5.15) | (3.67) |
| 1500 | 204.15 | 192.61 | (11.55) | (5.66) |
| 2000 | 268.09 | 250.14 | (17.95) | (6.69) |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 12.35 | \$ 20.00 |
| Energy Chg | \$ 0.0864 | \$ 0.11507 |
| Power Cost Adj | \$ 0.041468 | |

RESIDENTIAL - TIME OF USE

| KWH | | Rates 11, 21 | | (24 Customers) | |
|------|--------------|-----------------|------------------|----------------|---------------|
| | | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 0 | On Peak 53% | \$ 15.60 | \$ 23.50 | 7.90 | 50.64 |
| 100 | Off Peak 47% | 27.73 | 34.68 | 6.93 | 24.98 |
| 250 | | 45.94 | 51.40 | 5.47 | 11.90 |
| 500 | | 76.27 | 79.31 | 3.03 | 3.98 |
| 750 | | 106.61 | 107.21 | 0.60 | 0.57 |
| 1000 | | 136.94 | 135.11 | (1.83) | (1.34) |
| 1500 | | 197.61 | 190.92 | (6.70) | (3.39) |
| 2000 | | 258.29 | 246.73 | (11.56) | (4.48) |

| | | |
|----------------------|-------------|------------|
| Customer Chg | \$ 15.60 | \$ 23.50 |
| Energy Chg - On Peak | \$ 0.0975 | \$ 0.13500 |
| Energy Chg - On Peak | \$ 0.0600 | \$ 0.08524 |
| Power Cost Adj | \$ 0.041468 | |

IRRIGATION

| KWH | Rate 4 | | (9 Customers) | |
|------|-----------------|------------------|----------------|---------------|
| | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 1000 | \$ 157.76 | \$ 197.00 | 39.25 | 24.88 |
| 1500 | 220.38 | 258.00 | 37.62 | 17.07 |
| 2000 | 283.01 | 319.00 | 35.99 | 12.72 |
| 2500 | 345.64 | 380.00 | 34.36 | 9.94 |
| 3000 | 408.27 | 441.00 | 32.74 | 8.02 |
| 4000 | 533.52 | 563.00 | 29.48 | 5.53 |
| 5000 | 658.78 | 685.00 | 26.23 | 3.98 |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 32.50 | \$ 75.00 |
| Energy Chg | \$ 0.09200 | \$ 0.12200 |
| Power Cost Adj | \$ 0.033255 | |

SCHEDULE E-4.1

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

RESIDENTIAL

| KWH | Rate 1 | | (389 Customers) | |
|------|-----------------|------------------|-----------------|---------------|
| | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 0 | \$ 12.35 | \$ 20.00 | 7.65 | 61.94 |
| 100 | 25.14 | 31.51 | 6.37 | 25.34 |
| 250 | 44.32 | 48.77 | 4.45 | 10.04 |
| 500 | 76.28 | 77.54 | 1.25 | 1.64 |
| 750 | 108.25 | 106.30 | (1.95) | (1.80) |
| 1000 | 140.22 | 135.07 | (5.15) | (3.67) |
| 1500 | 204.15 | 192.61 | (11.55) | (5.66) |
| 2000 | 268.09 | 250.14 | (17.95) | (6.69) |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 12.35 | \$ 20.00 |
| Energy Chg | \$ 0.0864 | \$ 0.11507 |
| Power Cost Adj | \$ 0.041468 | |

RESIDENTIAL - TIME OF USE

| KWH | | Rates 11, 21 | | (24 Customers) | |
|------|--------------|-----------------|------------------|----------------|---------------|
| | | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 0 | On Peak 53% | \$ 15.60 | \$ 23.50 | 7.90 | 50.64 |
| 100 | Off Peak 47% | 27.73 | 34.66 | 6.93 | 24.98 |
| 250 | | 45.94 | 51.40 | 5.47 | 11.90 |
| 500 | | 76.27 | 79.31 | 3.03 | 3.98 |
| 750 | | 106.61 | 107.21 | 0.60 | 0.57 |
| 1000 | | 136.94 | 135.11 | (1.83) | (1.34) |
| 1500 | | 197.61 | 190.92 | (6.70) | (3.39) |
| 2000 | | 258.29 | 246.73 | (11.56) | (4.48) |

| | | |
|-----------------------|-------------|------------|
| Customer Chg | \$ 15.60 | \$ 23.50 |
| Energy Chg - On Peak | \$ 0.0975 | \$ 0.13500 |
| Energy Chg - Off Peak | \$ 0.0600 | \$ 0.08524 |
| Power Cost Adj | \$ 0.041468 | |

IRRIGATION

| KWH | Rate 4 | | (9 Customers) | |
|------|-----------------|------------------|----------------|---------------|
| | PRESENT BILL | PROPOSED BILL | \$ INCREASE | % INCREASE |
| 1000 | \$ 157.76 | \$ 197.00 | 39.25 | 24.88 |
| 1500 | 220.38 | 258.00 | 37.62 | 17.07 |
| 2000 | 283.01 | 319.00 | 35.99 | 12.72 |
| 2500 | 345.64 | 380.00 | 34.36 | 9.94 |
| 3000 | 408.27 | 441.00 | 32.74 | 8.02 |
| 4000 | 533.52 | 563.00 | 29.48 | 5.53 |
| 5000 | 658.78 | 685.00 | 26.23 | 3.98 |

| | | |
|----------------|-------------|------------|
| Customer Chg | \$ 32.50 | \$ 75.00 |
| Energy Chg | \$ 0.09200 | \$ 0.12200 |
| Power Cost Adj | \$ 0.033255 | |

SCHEDULE E-4.1

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

IRRIGATION TIME OF USE

| | | Rates 14, 24 | | (5 Customers) | | |
|----------------------|-----|--------------|-------------|---------------|-----------------|--------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | |
| On Peak | 43% | 1000 | \$ 157.25 | \$ 180.31 | 23.07 | 14.67 |
| Off Peak | 57% | 1500 | 213.12 | 231.22 | 18.10 | 8.49 |
| | | 2000 | 268.99 | 282.13 | 13.14 | 4.88 |
| | | 2500 | 324.86 | 333.03 | 8.17 | 2.52 |
| | | 3000 | 380.74 | 383.94 | 3.21 | 0.84 |
| | | 4000 | 492.48 | 485.75 | (6.73) | (1.37) |
| | | 5000 | 604.23 | 587.57 | (16.66) | (2.76) |
| Customer Chg | | | \$ 45.50 | \$ 78.50 | | |
| Energy Chg - On Peak | | | \$ 0.1030 | \$ 0.13000 | | |
| Energy Chg - On Peak | | | \$ 0.0800 | \$ 0.080550 | | |
| Power Cost Adj | | | \$ 0.033255 | | | |

AG SERVICE

| | | Rate 3 | | (9 Customers) | | |
|----------------|--|------------|-------------|---------------|-----------------|------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | |
| | | 5000 | \$ 583.70 | \$ 634.65 | 50.95 | 8.73 |
| | | 7500 | 843.05 | 896.98 | 53.93 | 6.40 |
| | | 10000 | 1,102.40 | 1159.30 | 56.90 | 5.16 |
| | | 12500 | 1,361.75 | 1421.63 | 59.88 | 4.40 |
| | | 15000 | 1,621.10 | 1683.95 | 62.85 | 3.88 |
| | | 20000 | 2,139.80 | 2208.60 | 66.80 | 3.22 |
| | | 25000 | 2,858.50 | 2733.25 | 74.75 | 2.81 |
| Customer Chg | | | \$ 65.00 | \$ 110.00 | | |
| Energy Chg | | | \$ 0.0695 | \$ 0.10493 | | |
| Power Cost Adj | | | \$ 0.03424 | | | |

SMALL COMMERCIAL
UNDER 50 KVA

| | | Rate 5 | | (34 Customers) | | |
|----------------|--|------------|-------------|----------------|-----------------|--------|
| | | PRESENT | PROPOSED | \$ | % | |
| | | <u>KWH</u> | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | |
| | | 250 | \$ 46.96 | \$ 62.05 | 15.09 | 32.14 |
| | | 500 | 77.67 | 89.11 | 11.44 | 14.72 |
| | | 750 | 108.38 | 116.16 | 7.78 | 7.18 |
| | | 1000 | 139.09 | 143.21 | 4.12 | 2.96 |
| | | 1250 | 169.80 | 170.26 | 0.46 | 0.27 |
| | | 1500 | 200.51 | 197.32 | (3.20) | (1.59) |
| | | 2000 | 261.93 | 251.42 | (10.51) | (4.01) |
| | | 3000 | 384.77 | 359.63 | (25.14) | (6.53) |
| Customer Chg | | | \$ 16.25 | \$ 35.00 | | |
| Energy Chg | | | \$ 0.0822 | \$ 0.10821 | | |
| Power Cost Adj | | | \$ 0.04064 | | | |

SCHEDULE E-4.1

COLUMBUS ELECTRIC COOPERATIVE, INC
TYPICAL BILL COMPARISONS - ARIZONA

| SMALL COMMERCIAL TIME OF USE | | Rates 15, 25 | | (0 Customers) | |
|---------------------------------|-------|--------------|-------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % |
| | | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| On Peak | 49.5% | 250 | \$ 66.53 | | |
| Off Peak | 50.5% | 500 | 94.55 | | |
| | | 750 | 122.58 | | |
| | | 1000 | 150.61 | | |
| | | 1500 | 206.66 | | |
| | | 2000 | 262.71 | | |
| | | 3000 | 374.82 | | |
| Customer Chg | | \$ 19.50 | \$ 38.50 | | |
| Energy Chg - On Peak | | \$ 0.0922 | \$ 0.13725 | | |
| Energy Chg - On Peak | | \$ 0.0590 | \$ 0.08746 | | |
| Power Cost Adj | | | | | |

| LARGE COMMERCIAL 50 - 350 KVA | | | Rate 6 | | (0 Customers) | |
|----------------------------------|----------------|------------|-------------|-------------|-----------------|-----------------|
| <u>KW</u> | <u>LD FCTR</u> | <u>KWH</u> | PRESENT | PROPOSED | \$ | % |
| | | | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| KW DEMAND | 50 | 20% 7,300 | | \$ 1,568.54 | | |
| | 50 | 30% 10,950 | N/A | 1,760.31 | | |
| | 50 | 40% 14,600 | | 1,952.08 | | |
| | 50 | 50% 18,250 | | 2,143.86 | | |
| | 50 | 60% 21,900 | | 2,335.63 | | |
| Customer Chg | | | | \$ 360.00 | | |
| KW Demand Charge | | | | \$ 16.50 | | |
| Energy Charge | | | | \$ 0.05254 | | |
| Power Cost Adj | | | | | | |

| INDUSTRIAL OVER 350 KVA | | | Rate 8 | | (0 Customers) | |
|----------------------------|----------------|------------|-------------|--------------|-----------------|-----------------|
| <u>KW</u> | <u>LD FCTR</u> | <u>KWH</u> | PRESENT | PROPOSED | \$ | % |
| | | | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| KW DEMAND | 400 | 20% 58400 | | \$ 10,665.73 | | |
| | 400 | 25% 73000 | NA | 11,482.16 | | |
| | 400 | 30% 87600 | | 12,298.59 | | |
| | 400 | 40% 116800 | | 13,931.46 | | |
| | 400 | 50% 146000 | | 15,564.32 | | |
| Customer Chg | | | | \$ 600.00 | | |
| KW Demand Charge | | | | \$ 17.00 | | |
| Energy Charge | | | | \$ 0.05592 | | |
| Power Cost Adj | | | | | | |

| | | Rate 7 | | (13 Customers) | |
|-------------------------------|------------|-------------|-------------|-----------------|-----------------|
| | | PRESENT | PROPOSED | \$ | % |
| | | <u>BILL</u> | <u>BILL</u> | <u>INCREASE</u> | <u>INCREASE</u> |
| 175 Watt Mercury Vapor | | N/A | \$ 15.25 | | |
| 100 Watt High Pressure Sodium | | \$ 15.24 | \$ 16.25 | \$ 1.01 | 6.64 |
| 400 Watt High Pressure Sodium | | N/A | \$ 32.45 | | |
| Customer Charge | <u>KWH</u> | | | | |
| 100 Watt High Pressure Sodium | 42 | \$ 13.50 | \$ 16.25 | | |
| Fuel Adjustment Charge | | \$ 0.04137 | | | |

F

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - EXPENSES

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| TRANSMISSION EXPENSE | | | | | | | | | |
| 570 OPR & MAINT | 17,902 | 102 | 2,696 | 1,661 | 9,953 | 1,111 | 1,393 | 1,044 | 44 |
| Total | 17,902 | 114* | 2,696 | 1,661 | 9,953 | 1,111 | 1,393 | 1,044 | 44 |
| TRANSMISSION EXPENSE | | | 15.058% | 9.279% | 55.599% | 6.203% | 7.782% | 5.831% | 0.248% |
| DIST OPR EXP | | | | | | | | | |
| 580 OPR SUPV ENGR | 79,411 | 107 | 32,651 | 5,507 | 22,369 | 10,269 | 4,655 | 2,961 | 1,001 |
| 582 STATION EXP | 61,566 | 1 | 9,270 | 5,713 | 34,230 | 3,819 | 4,791 | 3,590 | 153 |
| 583 OH LINE EXP | 272,149 | 104 | 106,862 | 18,632 | 93,786 | 28,559 | 14,153 | 9,753 | 405 |
| 584 UG LINE EXP | 52,814 | 105 | 16,198 | 4,072 | 22,164 | 4,738 | 3,231 | 2,314 | 97 |
| 586 METER EXPENSE | 89,614 | 19 | 48,401 | 5,867 | 8,241 | 22,034 | 3,976 | 1,094 | 0 |
| 587 INST CONS PREM | 32,824 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 32,824 |
| 588 MISC DIST EXP | 354,513 | 107 | 145,761 | 24,583 | 99,862 | 45,842 | 20,782 | 13,217 | 4,467 |
| Total | 942,891 | 115* | 359,143 | 64,373 | 280,652 | 115,261 | 51,588 | 32,928 | 38,946 |
| DIST OPR EXP | | | 38.090% | 6.827% | 29.765% | 12.224% | 5.471% | 3.492% | 4.130% |
| DIST MAINT EXPENSE | | | | | | | | | |
| 592 MAINT STATION EQ | 31,648 | 1 | 4,765 | 2,937 | 17,596 | 1,963 | 2,463 | 1,846 | 78 |
| 593 MAINT OH LINES | 232,665 | 104 | 91,358 | 15,929 | 80,179 | 24,416 | 12,100 | 8,338 | 346 |
| 594 MAINT UG LINES | 6,230 | 105 | 1,911 | 480 | 2,615 | 559 | 381 | 273 | 11 |
| 595 MAINT TRANSFORMR | 29,007 | 16 | 15,860 | 1,917 | 3,083 | 5,414 | 1,992 | 741 | 0 |
| 596 MAINT SEC LITES | 29,775 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 75 |
| 597 MAINT METERS | 29,780 | 19 | 16,084 | 1,950 | 2,739 | 7,322 | 1,321 | 364 | 0 |
| 598 MISC MAINT DIST | 6,747 | 107 | 2,774 | 468 | 1,901 | 872 | 396 | 252 | 85 |
| Total | 336,152 | 116* | 132,753 | 23,680 | 108,111 | 40,546 | 18,653 | 11,812 | 596 |
| DIST MAINT EXPENSE | | | 39.492% | 7.045% | 32.161% | 12.062% | 5.549% | 3.514% | 0.177% |
| CONS ACCTS EXP | | | | | | | | | |
| 902 METER READING | 201,564 | 6 | 76,969 | 16,280 | 22,440 | 34,483 | 40,603 | 10,788 | 0 |
| 903 RECORDS & COLLEC | 428,981 | 7 | 152,967 | 32,355 | 41,809 | 68,531 | 107,591 | 25,728 | 0 |
| Total | 630,545 | 117* | 229,936 | 48,636 | 64,248 | 103,014 | 148,194 | 36,517 | 0 |
| CONS ACCTS EXP | | | 36.466% | 7.713% | 10.189% | 16.337% | 23.503% | 5.791% | 0.000% |

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - EXPENSES

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| CUST SERVICE EXP | | | | | | | | | |
| 908 CUST SERVICE | 95,935 | 7* | 34,209 | 7,236 | 9,350 | 15,326 | 24,061 | 5,754 | 0 |
| Total | 95,935 | 118* | 34,209 | 7,236 | 9,350 | 15,326 | 24,061 | 5,754 | 0 |
| CUST SERVICE EXP | | | 35.658% | 7.542% | 9.746% | 15.975% | 25.081% | 5.998% | 0.000% |
| SUBTOTAL EXPENSES | 2,023,425 | 119* | 758,736 | 145,586 | 472,314 | 275,258 | 243,889 | 88,055 | 39,586 |
| ADMIN GEN EXP | | | 37.498% | 7.195% | 23.342% | 13.604% | 12.053% | 4.352% | 1.956% |
| 920 ADMIN GEN SALARY | 508,298 | 119 | 190,600 | 36,572 | 118,649 | 69,147 | 61,267 | 22,120 | 9,944 |
| 921 AG OFC SUPPLY | 46,228 | 119 | 17,334 | 3,326 | 10,791 | 6,289 | 5,572 | 2,012 | 904 |
| 923 OUTSIDE SVCS | 77,660 | 119 | 29,121 | 5,588 | 18,128 | 10,565 | 9,361 | 3,880 | 1,519 |
| 928 REG COMM EXP | 65,517 | 119 | 24,567 | 4,714 | 15,293 | 8,913 | 7,897 | 2,851 | 1,282 |
| 930 MISC GEN EXP | 515,570 | 119 | 193,327 | 37,095 | 120,346 | 70,136 | 62,143 | 22,437 | 10,087 |
| Total | 1,213,273 | 120* | 454,949 | 87,296 | 283,206 | 165,048 | 146,239 | 52,799 | 23,736 |
| ADMIN GEN EXP | | | 37.498% | 7.195% | 23.342% | 13.604% | 12.053% | 4.352% | 1.956% |
| SUBTOTAL EXPENSES | 3,236,698 | 121* | 1,213,685 | 232,882 | 755,520 | 440,306 | 390,128 | 140,854 | 63,323 |
| POWER COST | | | 37.498% | 7.195% | 23.342% | 13.604% | 12.053% | 4.352% | 1.956% |
| DEMAND COST | 4,698,950 | 11 | 1,057,858 | 350,449 | 2,063,791 | 439,331 | 509,152 | 267,339 | 11,029 |
| ENERGY COST | 3,231,755 | 12 | 850,375 | 209,619 | 1,368,090 | 333,396 | 323,325 | 132,410 | 14,539 |
| Total | 7,930,705 | 122* | 1,908,233 | 560,068 | 3,431,881 | 772,727 | 832,478 | 399,749 | 25,568 |
| POWER COST | | | 24.061% | 7.062% | 43.273% | 9.743% | 10.497% | 5.041% | 0.322% |
| DEPRECIATION | | | | | | | | | |
| 403.5 TRANSMISSION | 23,956 | 102 | 3,607 | 2,223 | 13,319 | 1,486 | 1,864 | 1,397 | 59 |
| 403.6 DISTRIBUTION | 984,511 | 107 | 404,791 | 68,269 | 277,325 | 127,307 | 57,712 | 36,704 | 12,404 |
| 403.7 GENERAL PLANT | 94,875 | 110 | 37,975 | 6,672 | 27,814 | 12,001 | 5,638 | 3,621 | 1,155 |
| 407.3 REGULATORY DEB | 59,171 | 12 | 15,570 | 3,838 | 25,049 | 6,104 | 5,920 | 2,424 | 266 |
| Total | 1,162,513 | 123* | 461,943 | 81,002 | 343,506 | 146,899 | 71,134 | 44,145 | 13,885 |
| DEPRECIATION | | | 39.737% | 6.968% | 29.549% | 12.636% | 6.119% | 3.797% | 1.194% |
| TOTAL EXPENSES | 12,329,916 | 124* | 3,583,861 | 873,952 | 4,530,908 | 1,359,932 | 1,293,739 | 584,749 | 102,776 |
| | | | 29.066% | 7.088% | 36.747% | 11.030% | 10.493% | 4.743% | 0.834% |

COLUMBUS ELECTRIC COOPERATIVE, INC
TEST YEAR ENDED SEPTEMBER 30, 2012
PROPOSED RATES
COST OF SERVICE ALLOCATION - INTEREST

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|----------------|---------------|------|--------------------|------------------|--------------------|-------------------|------------------|------------------|-----------------|
| INTEREST LTD | 558,003 | 107 | 229,428 | 38,694 | 157,183 | 72,155 | 32,710 | 20,803 | 7,030 |
| TOTAL INTEREST | 558,003 | 127* | 229,428 41.116% | 38,694 6.934% | 157,183 28.169% | 72,155 12.931% | 32,710 5.862% | 20,803 3.728% | 7,030 1.260% |

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 COMPONENTS OF EXPENSES

| ACCOUNTS | TOTAL DOLLARS | A.F. | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|---------------------------|---------------|------|-------------|------------|------------|---------------|---------------|------------|----------|
| DEMAND COMPONENT | | | | | | | | | |
| NONCOIN DEMAND | 1,791,138 | 1 | 269,706 | 166,196 | 995,855 | 111,111 | 139,380 | 104,449 | 4,441 |
| PMR COST SUM COIN DM | 4,698,950 | 11 | 1,057,858 | 350,449 | 2,063,791 | 439,331 | 509,152 | 267,339 | 11,029 |
| ACCT 368 TRANSF 30% | 148,075 | 16 | 80,964 | 9,786 | 15,736 | 27,637 | 10,169 | 3,783 | 0 |
| ACCT 369 OVHD SV 30% | 22,789 | 17 | 19,455 | 380 | 327 | 2,466 | 138 | 22 | 0 |
| ATTI 369 UNDG SV 60% | 61,570 | 18 | 18,471 | 6,157 | 6,157 | 15,393 | 7,696 | 7,696 | 0 |
| ACCT 370 METERS 30% | 97,375 | 19 | 52,593 | 6,376 | 8,955 | 23,942 | 4,321 | 1,189 | 0 |
| TOTAL | 6,819,898 | | 1,499,048 | 539,344 | 3,090,821 | 619,879 | 670,856 | 384,478 | 15,470 |
| DEMAND COMPONENT | | | 21.981% | 7.908% | 45.321% | 9.089% | 9.837% | 5.638% | 0.227% |
| CUSTOMER COMPONENT | | | | | | | | | |
| AVG CONS | 868,539 | 4 | 656,423 | 27,769 | 23,922 | 147,043 | 11,543 | 1,840 | 0 |
| WTD CONS METER READ | 322,425 | 6 | 123,121 | 26,042 | 35,895 | 55,160 | 64,949 | 17,257 | 0 |
| WTD CONS CONS ACCTS | 839,663 | 7 | 299,408 | 63,330 | 81,834 | 134,138 | 210,593 | 50,359 | 0 |
| ACCT 368 TRANSF 70% | 345,509 | 16 | 188,917 | 22,834 | 36,718 | 64,485 | 23,728 | 8,826 | 0 |
| ACCT 369 OVHD SV 70% | 53,174 | 17 | 45,396 | 887 | 764 | 5,754 | 322 | 51 | 0 |
| ATTI 369 UNDG SV 40% | 41,047 | 18 | 12,314 | 4,105 | 4,105 | 10,262 | 5,131 | 5,131 | 0 |
| ACCT 370 METERS 70% | 227,208 | 19 | 122,717 | 14,876 | 20,894 | 55,865 | 10,082 | 2,774 | 0 |
| ACCT 371 SECURITY LI | 79,530 | 20 | 0 | 0 | 0 | 0 | 0 | 0 | 79,530 |
| TOTAL | 2,777,095 | | 1,448,296 | 159,844 | 204,130 | 472,707 | 326,348 | 86,239 | 79,530 |
| CUSTOMER COMPONENT | | | 52.151% | 5.756% | 7.350% | 17.022% | 11.751% | 3.105% | 2.864% |
| ENERGY COMPONENT | | | | | | | | | |
| POWER COST KWH | 3,290,926 | 12 | 865,945 | 213,457 | 1,393,139 | 339,501 | 329,245 | 134,834 | 14,806 |
| TOTAL | 3,290,926 | | 865,945 | 213,457 | 1,393,139 | 339,501 | 329,245 | 134,834 | 14,806 |
| ENERGY COMPONENT | | | 26.313% | 6.486% | 42.333% | 10.316% | 10.005% | 4.097% | 0.450% |
| TOTAL EXPENSES | 12,887,919 | | 3,813,289 | 912,645 | 4,688,090 | 1,432,087 | 1,326,449 | 605,552 | 109,806 |
| EXPENSES | | | 29.588% | 7.081% | 36.376% | 11.112% | 10.292% | 4.699% | 0.852% |

COLUMBUS ELECTRIC COOPERATIVE, INC
 TEST YEAR ENDED SEPTEMBER 30, 2012
 PROPOSED RATES
 SUMMARY OF COMPONENTS OF EXPENSES

| | SYSTEM TOTALS | RESIDENTIAL | IRRIGATION | AG SERVICE | SM COMMERCIAL | LG COMMERCIAL | INDUSTRIAL | LIGHTING |
|---------------------------|---------------|-------------|------------|------------|---------------|---------------|------------|----------|
| Average Consumers | 5,763 | 3,924 | 166 | 143 | 879 | 69 | 11 | 571 |
| kWh Sold | 101,315,451 | 26,580,300 | 6,552,100 | 42,762,594 | 10,421,018 | 10,406,220 | 4,138,760 | 454,459 |
| kW1 | | 5,357 | 4,017 | 26,653 | 3,577 | 3,264 | 2,446 | 104 |
| kW2 | | 4,713 | 2,474 | 14,654 | 2,696 | 2,231 | 1,333 | 96 |
| Customer Component | 2,777,095 | 1,448,296 | 159,844 | 204,130 | 472,707 | 326,348 | 86,239 | 79,530 |
| Monthly Cost Per Cons | 40.16 | 30.76 | 80.24 | 118.96 | 44.81 | 394.14 | 653.33 | 11.61 |
| Cost Per kW1 | | 270.36 | 39.79 | 7.66 | 132.15 | 99.98 | 35.26 | 764.71 |
| Cost Per kW2 | | 307.30 | 64.61 | 13.93 | 175.34 | 146.28 | 64.70 | 828.44 |
| Energy Component | 3,290,926 | 865,945 | 213,457 | 1,393,139 | 339,501 | 329,245 | 134,834 | 14,806 |
| Average Cost Per kWh | 0.032482 | 0.032578 | 0.032578 | 0.032578 | 0.032578 | 0.031639 | 0.032578 | 0.032578 |
| Demand Component | 6,819,898 | 1,499,048 | 539,344 | 3,090,821 | 619,879 | 670,856 | 384,478 | 15,470 |
| Cost Per kW1 | | 279.83 | 134.27 | 115.97 | 173.30 | 205.53 | 157.19 | 148.75 |
| Cost Per kW2 | | 318.07 | 218.00 | 210.92 | 229.93 | 300.70 | 288.43 | 161.15 |
| Demand & Energy Component | 10,110,824 | 2,364,993 | 752,801 | 4,483,960 | 959,380 | 1,000,101 | 519,313 | 30,276 |
| Average Cost Per kWh | 0.099795 | 0.088975 | 0.114895 | 0.104857 | 0.092062 | 0.096106 | 0.125475 | 0.066619 |
| Total Expenses | 12,887,919 | 3,813,289 | 912,645 | 4,688,090 | 1,432,087 | 1,326,449 | 605,552 | 109,806 |
| Average Cost Per kWh | 0.127206 | 0.143463 | 0.139290 | 0.109631 | 0.137423 | 0.127467 | 0.146312 | 0.241619 |

kW1=45419
 kW2=28199

G

COLUMBUS ELECTRIC COOPERATIVE, INC.

SECTION G

RATE SCHEDULES – PRESENT RATES

NEW MEXICO

ARIZONA

COLUMBUS ELECTRIC COOPERATIVE, INC.

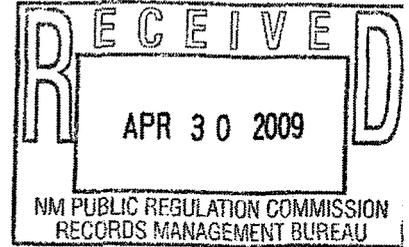
FOURTH REVISED RATE NO. 1

CANCELLING THIRD REVISED RATE NO. 1

RESIDENTIAL SERVICE

X Numerous Changes

Page 1 of 2



AVAILABILITY:

Available to residential consumers, small schools, churches, and community halls requiring less than 50 KVA of transformer capacity, for all rural and town uses within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$12.35 |
| Energy Charge – All kWh | 8.64¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$15.60 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 9.75¢ / kWh |
| From 9:00 p.m. to 6:00 a.m. | 6.0¢ / kWh |

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

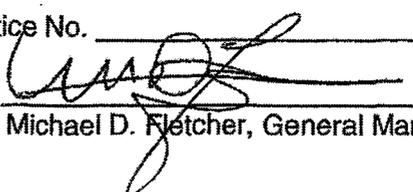
Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature:  _____

Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 1

CANCELLING THIRD REVISED RATE NO. 1

RESIDENTIAL SERVICE

X Numerous Changes

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

DEBT COST ADJUSTMENT:

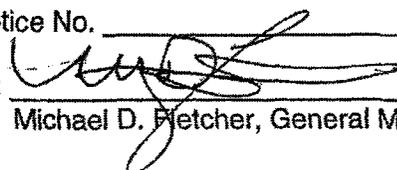
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

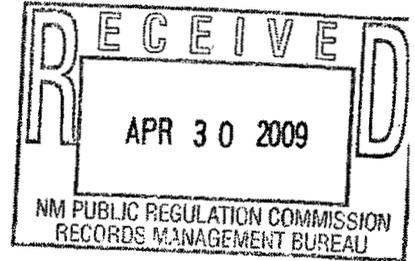
FOURTH REVISED RATE NO. 2

CANCELLING THIRD REVISED RATE NO. 2

SMALL COMMERCIAL

X Numerous Changes

Page 1 of 2



AVAILABILITY:

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$16.25 |
| Energy Charge – All kWh | 8.22¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$19.50 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 9.22¢ / kWh |
| From 9:00 p.m. to 6:00 a.m. | 5.9¢ / kWh |

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

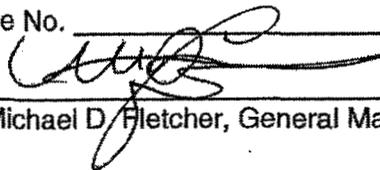
Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 2

CANCELLING THIRD REVISED RATE NO. 2

SMALL COMMERCIAL

X Numerous Changes

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required, shall be the customer charge plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

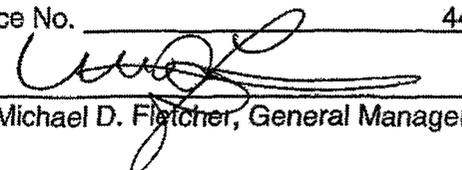
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

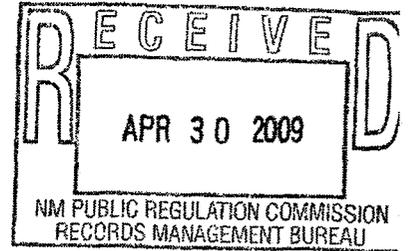
MAY 30 2009

**REPLACED BY NMPRC
BY Rule #540**

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.
FIFTH REVISED RATE NO. 3
CANCELLING FOURTH REVISED RATE NO. 3



IRRIGATION SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|------------|
| Customer Charge – All Customers | \$32.50 |
| Energy Charge – All kWh | 9.2¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|--|-------------|
| Customer Charge – All Customers | \$45.50 |
| Energy Charge – All kWh | |
| During the period 8:00 a.m. to 9:00 p.m. MST | 10.3¢ / kWh |
| During the period 9:00 p.m. to 8:00 a.m. MST | 6.0¢ / kWh |

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

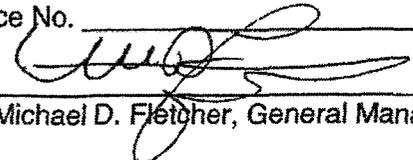
Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 3

CANCELLING FOURTH REVISED RATE NO. 3

IRRIGATION SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.540 NMAC.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

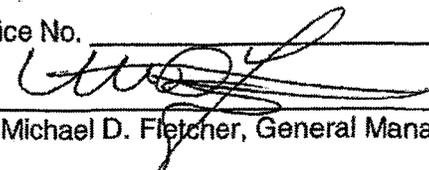
EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC

BY Rule #540

Advice Notice No. _____ 44

Signature:  _____
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 3

CANCELLING FOURTH REVISED RATE NO. 3

IRRIGATION SERVICE

X Numerous Changes

Page 3 of 3

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

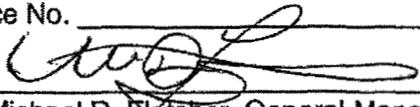
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. _____ 44

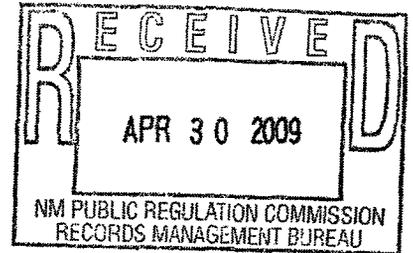
Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE



X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity in excess of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

| | |
|----------------------------------|--------------|
| Customer Charge -- All Customers | \$45.50 |
| Demand Charge | \$12.00 / KW |
| Energy Charge -- All kWh | 5.2¢ / kWh |

MONTHLY TIME-OF-USE RATE:

| | |
|--|--------------|
| Customer Charge -- All Customers | \$65.00 |
| Demand Charge: | |
| During the period 6:00 a.m. to 9:00 p.m. | \$13.50 / KW |
| During the period 9:00 p.m. to 6:00 a.m. | \$0.00 |
| Energy Charge -- All kWh: | |
| During the period 8:00 a.m. to 9:00 p.m. MST | 5.925¢ / kWh |
| During the period 9:00 p.m. to 8:00 a.m. MST | 5.0¢ / kWh |

Metering and timing devices must be installed to record KW demand and kWh usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

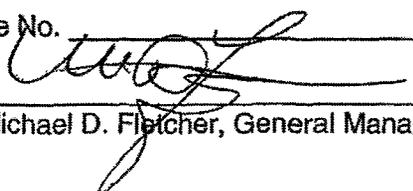
Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. _____ 44

Signature:  _____
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. A charge of \$150.00.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

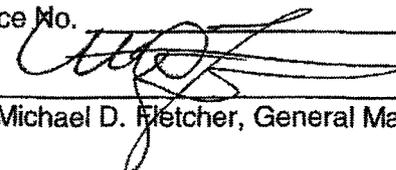
The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 5

CANCELLING THIRD REVISED RATE NO. 5

LARGE POWER SERVICE

X Numerous Changes

Page 3 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

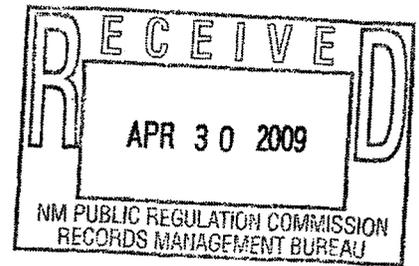
Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE



X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$45.50 |
| Demand Charge | \$12.50 / KW |
| Energy Charge – All kWh | 4.41¢ / kWh |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

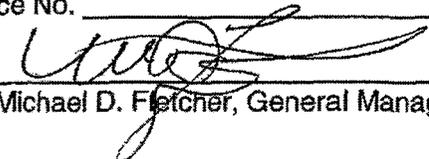
1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE

X Numerous Changes

Page 2 of 3

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

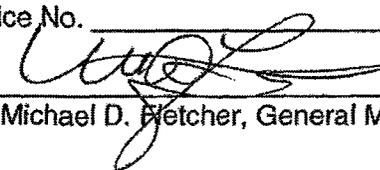
The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPC
BY Rule #540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 6

CANCELLING THIRD REVISED RATE NO. 6

INDUSTRIAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

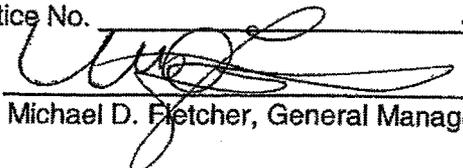
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

EFFECTIVE

MAY 30 2009

REPLACED BY NMPRC
BY Rule # 540

Advice Notice No. _____ 44

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to all consumers within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

RATE:

| | |
|-------------------------------|-------------------|
| 175 Watt Mercury Vapor Lamps | \$11.75 per month |
| 400 Watt High Pressure Sodium | \$23.50 per month |
| 100 Watt High Pressure Sodium | \$13.50 per month |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

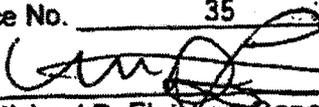
MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

- 175 Watt Fixtures – 80 kWh per month;
- 400 Watt Fixtures – 180 kWh per month;
- 100 Watt Fixtures – 42 kWh per month.

Advice Notice No. 35

Signature: 
Michael D. Fletcher, General Manager

Rule 540

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 2 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule No. 550.

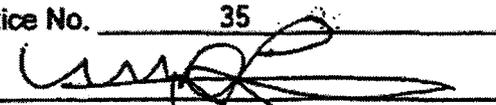
CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right or ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.
4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.

SERVICE

Rel. 540

Advice Notice No. 35

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 12

CANCELLING SECOND REVISED RATE NO. 12

LIGHTING SERVICE

X Numerous Changes

Page 3 of 3

5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/7 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

DEBT COST ADJUSTMENT:

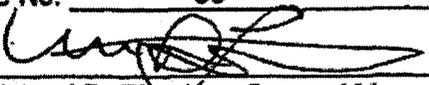
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 540.11.

FOR **SERVICE** 0.

REC 28 2020

Rule 540

Advice Notice No. 35

Signature: 

Michael D. Fletcher, General Manager

PUBLIC UTILITY
REGULATION
COMMISSION

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

2009 NOV 30 AM 10 26

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$65.00 |
| Energy Charge – All kWh | 6.95¢ / kWh |

The rate set forth above shall be applicable upon ten (10) days written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

EFFECTIVE

DEC 31 2009

**REPLACED BY NMPRC
BY Rule # 540**

Advice Notice No. _____ 45

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 2 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein are due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

EFFECTIVE

DEC 31 2009

REPLACED BY NMPC
BY Rule #540

Advice Notice No. _____ 45

Signature: 
Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

THIRD REVISED RATE NO. 15

CANCELLING SECOND REVISED RATE NO. 15

AGRICULTURAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.04172 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

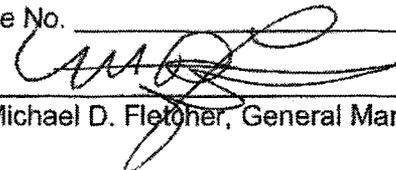
Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 540.11.

EFFECTIVE

DEC 31 2009

REPLACED BY NMPRC
BY Rule #540

Advice Notice No. _____ 45

Signature:  _____

Michael D. Fletcher, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE A
RESIDENTIAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to residential consumers, small schools, churches, community hall and other public buildings, for all rural and town uses requiring less than 50 KVA of transformer capacity, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATES:

Customer Charge – All Customers - \$12.35
Energy Charge – All kWh – 8.64¢/kWh

OPTIONAL RATE – Available at the option of the consumer:

Customer Charge – All Customers - \$15.60
Energy Charge:
6 a.m. to 9 p.m. Mountain Standard Time – 9.75¢/kWh
9 p.m. to 6 a.m. Mountain Standard Time – 6.00¢/kWh

Metering and timing devices must be installed to record usage during each specified time.

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

The minimum monthly charge under the above rate where 5 KVA or less or transformer capacity is required shall be the customer charge. This minimum does not include any charges for kWh used, or applicable taxes.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE A
RESIDENTIAL SERVICE**

Page 2 of 2

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL**

Page 1 of 2

AVAILABILITY:

Available for commercial and industrial service requiring transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at available secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

Customer Charge – All Customers - \$16.25
Energy Charge – All kWh – 8.22¢/kWh

OPTIONAL RATE – Available at the option of the consumer:

Customer Charge – All Customers - \$19.50
Energy Charge:
6 a.m. to 9 p.m. Mountain Standard Time – 9.22¢/kWh
9 p.m. to 6 a.m. Mountain Standard Time – 5.90¢/kWh

Metering and timing devices must be installed to record usage during each specified time.

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE:

The minimum monthly charge under the above rate where 10 KVA or less or transformer capacity is required shall be the customer charge, plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity is required shall be the customer charge, plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL**

Page 2 of 2

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TEMPORARY SERVICE:

Temporary service shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the values of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connections and disconnection.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 1 of 2

AVAILABILITY:

Available to irrigation consumers located adjacent to the Cooperative's three-phase lines provided the Cooperative has sufficient available capacity, all subject to the established rules and regulations of the Cooperative covering this service.

MONTHLY RATE:

Customer Charge – All Customers - \$32.50
Energy Charge – All kWh – 9.20¢/kWh

OPTIONAL MONTHLY RATE

At the option of the customer:

Customer Charge – All Customers - \$45.50
Energy Charge:

During the period 6 a.m. to 9 p.m. Mountain Standard Time – 10.30¢/kWh
During the period 9 p.m. to 6 a.m. Mountain Standard Time – 6.00¢/kWh

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MONTHLY MINIMUM CHARGE:

The minimum monthly charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used, or applicable sales tax.

DETERMINATION OF CONNECTED HORSEPOWER:

The Cooperative shall determine the connected horsepower by name plate ratings of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The Cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the Cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 2 of 2

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

TYPE OF SERVICE:

Single-phase or three-phase, at standard secondary voltages.

CONDITIONS OF SERVICE:

- 1.) Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100HP.
- 2.) All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within ten (10) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission, the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of the surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to consumers, including existing three-phase consumers with KW demand of 15 or greater, and motors of 20 horsepower or greater, located within the utility's service area, who are engaged in agricultural activities relating to the production of food and/or fiber, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

Customer Charge – All Customers - \$65.00

Energy Charge – All kWh – 6.95¢/kWh

The rate set forth above shall be applicable upon thirty (30) days written notice from the customer, commencing with the first complete billing cycle thereafter. The rate is subject to termination upon thirty (30) days notice by the customer.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 2 of 2

CONDITIONS OF SERVICE:

- 1.) *Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.*
- 2.) *All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.*

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 kW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172/kWh.

COLUMBUS ELECTTRIC COOPERATIVE, INC.

ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE

Page 1 of 2

AVAILABILITY:

Available to all consumers within the utility's service area, subject to established rules and regulations.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

MONTHLY RATE:

| | |
|-------------------------------|-------------------|
| 175 Watt Mercury Vapor Lamps | \$11.75 per month |
| 400 Watt Mercury Vapor Lamps | \$23.50 per month |
| 100 Watt High Pressure Sodium | \$13.50 per month |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increase by an amount equal to the sum of the applicable taxes, fees, or charges (exclusive of ad valorem, state, and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above, as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

175 Watt Fixture - 80 kWh per month;
400 Watt Fixture - 180 kWh per month;
100 Watt Fixture - 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the cooperative shall increase or decrease the consumer's bill by an amount equal to the kWh usage multiplied by a fuel and purchased power adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month preceding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.04172.

CONDITIONS OF SERVICE:

- (1) The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
- (2) The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
- (3) All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.

COLUMBUS ELECTTRIC COOPERATIVE, INC.

ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE

Page 2 of 2

- (4) Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
- (5) Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/7 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandallism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

TEMPORARY PURCHASED POWER COST ADJUSTMENT:

Upon the approval of this tariff by the Arizona Corporation Commission the Cooperative shall add to the consumer's net bill as computed above, a surcharge to amortize the one month unrecovered fuel and purchased power adjustment costs which the utility will realize upon the Commission's acceptance of the Cooperative's new base cost of purchased power. The amount of surcharge per kWh and the duration to the application thereof shall be as directed by the Commission.

H

COLUMBUS ELECTRIC COOPERATIVE, INC.

SECTION H

RATE SCHEDULES – PROPOSED RATES

NEW MEXICO

ARIZONA

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available for single-family houses, individual apartments, or separate living quarters ordinarily designated and recognized as single-family living quarters for primary domestic or home use and for livestock water pumping. Service under this Schedule is not available for multiple unit trailer parks, commercial, professional or business establishments within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 20.00 |
| Energy Charge – All kWh | 11.507¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer. This rate will not be available after December 2013:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 23.50 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 13.500¢ / kWh |
| From 9:00 p.m. to 6:00 a.m. | 8.524¢ / kWh |

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 2 of 3

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

ACCESSIBILITY

Equipment used to provide service must be physically accessible.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 1

CANCELLING FOURTH REVISED RATE NO. 1

NEW MEXICO RESIDENTIAL SERVICE

X Numerous Changes

Page 3 of 3

LIMITATION OF THE RATE

Electric Service under this schedule shall not be resold or shared with others.

INTERRUPTION OF SERVICE

The company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

AVAILABILITY:

Page 1 of 3

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations. Customer's peak must be less than 50kW for at least 11 months during the previous 12 continuous months. Should the customer's demand exceed this 50kW requirement for two months in a continuous 12 month period, the service will be transferred to the Large Commercial Rate. The Cooperative reserves the right to install metering equipment to determine if this provision applies.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$35.00 |
| Energy Charge – All kWh | 10.821¢ /kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer: This rate will not be available after December 2013:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$38.50 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 13.725¢/ kWh |
| From 9:00 p.m. to 6:00 a.m. | 8.746¢/kWh |

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege or rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required shall be the customer charge plus applicable taxes. For consumers requiring more than 25KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 2

CANCELLING FOURTH REVISED RATE NO. 2

NEW MEXICO SMALL COMMERCIAL SERVICE

X Numerous Changes

Page 3 of 3

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule shall not be resold or shared with others.

INTERRUPTION OF SERVICE

The company will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations. This schedule is available **ONLY** for irrigation pumping installations of not less than 10HP.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$75.00 |
| Energy Charge – All kWh | 12.20¢ /kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer: This rate will not be available after December 2013

| | |
|--|--------------|
| Customer Charge – All Customers | \$78.50 |
| Energy Charge – All kWh | |
| During the period 6:00 a.m. to 9:00 p.m. MST | 13.00¢ / kWh |
| During the period 9:00 p.m. to 6:00 a.m. MST | 8.055¢ / kWh |

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

Page 2 of 3

the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.540 NMAC.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SIXTH REVISED RATE NO. 3

CANCELLING FIFTH REVISED RATE NO. 3

NEW MEXICO IRRIGATION SERVICE

X Numerous Changes

Page 3 of 3

B. Primary Voltage 14,400 volts, motors =>100 H.P.

2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for two irrigation seasons, or if lands are irrigated by water from other sources, the Cooperative may remove its facilities without any liability to consumer.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$360.00 |
| Demand Charge | \$16.50 / KW |
| Energy Charge – All kWh | 5.254¢ / kWh |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 2 of 4

2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

MINIMUM MONTHLY CHARGES:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 3 of 4

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 5

CANCELLING FOURTH REVISED RATE NO. 5

NEW MEXICO LARGE POWER SERVICE

X Numerous Changes

Page 4 of 4

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule is not available for standby service, shall not be resold or shared with others.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA but not more than 2,000 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$600.00 |
| Demand Charge | \$17.00 / KW |
| Energy Charge – All kWh | 5.592¢ / kWh |

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 2 of 4

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the consumer.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

Advice Notice No. _____ 54 _____

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 3 of 4

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510/kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FIFTH REVISED RATE NO. 6

CANCELLING FOURTH REVISED RATE NO. 6

NEW MEXICO INDUSTRIAL SERVICE

X Numerous Changes

Page 4 of 4

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. .

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 1 of 4

AVAILABILITY:

Available to all consumers within the utility's service area by contract where facilities of adequate capacity and suitable voltage are adjacent to the premises to be served, subject to the established rules and regulations.

Pursuant to the Federal Energy Policy Act of 2005, mercury vapor lamp ballast shall not be manufactured or imported after January 1, 2008. When the Company's inventory of mercury vapor ballasts and lamps is exhausted, customers will be given the option of having the lighting removed, or replaced with another type of light at the rate for the replacement light.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

RATE: Unmetered wooden pole, where the Cooperative furnishes poles and fixtures.

| | |
|-------------------------------|-------------------|
| 175 Watt Mercury Vapor Lamps | \$15.25per month |
| 400 Watt High Pressure Sodium | \$32.45 per month |
| 100 Watt High Pressure Sodium | \$16.25 per month |

Underground service for Cooperative owned unmetered street lighting is not available for new installations after July 1, 2013.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 2 of 4

MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

- 175 Watt Fixtures – 80 kWh per month;
- 400 Watt Fixtures – 180 kWh per month;
- 100 Watt Fixtures – 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule No. 17.9.550 NMAC.

CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right or ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 3 of 4

3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.
4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/6 pole and secondary wire for each light, not to exceed 125 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.
6. The Cooperative reserves the right to remove lamp and appurtenances at any time in the event more than two calls per year become necessary due to vandalism or other causes over and above regular maintenance required, unless the consumer agrees to pay for the additional calls and cost incurred.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 12

CANCELLING THIRD REVISED RATE NO. 12

NEW MEXICO LIGHTING SERVICE

X Numerous Changes

Page 4 of 4

LATE PAYMENT CHARGE:

A late payment charge of two percent (2%) per billing period or fraction thereof will be charged on all utility service bills and invoices which are delinquent per the provision of the tariff.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 17.9.540 NMAC.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 1 of 3

AVAILABILITY:

Available to consumers, with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

| | |
|---------------------------------|-------------|
| Customer Charge – All Customers | \$110.00 |
| Energy Charge – All kWh | 10.493¢/kWh |

The rate set forth above shall be applicable upon ten (10) days within written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 2 of 3

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

Advice Notice No. 54

Signature: _____
Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

FOURTH REVISED RATE NO. 15

CANCELLING THIRD REVISED RATE NO. 15

NEW MEXICO AGRICULTURAL SERVICE

X Numerous Changes

Page 3 of 3

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

The utility shall, if purchased power expense is increased or decreased above or below the base purchased power cost of \$0.078510 / kWh sold, flow through to the users such increases or decreases, in accordance with NMPRC Rule 17.9.550 NMAC.

DEBT COST ADJUSTMENT:

Billings under this schedule shall be increased or decreased by the change in the current debt cost from the debt cost utilized in establishing the present rates, in accordance with NMPRC Rule No. 17.9.540 NMAC.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others. Upon abandonment or failure to use water pumped with electric power for two irrigation seasons, or if lands are irrigated by water from other sources, the Cooperative may remove its facilities without any liability to consumer.

Advice Notice No. 54

Signature: Chris Martinez, General Manager

COLUMBUS ELECTRIC COOPERATIVE, INC.

SCHEDULE A

ARIZONA RESIDENTIAL SERVICE

Page 1 of 2

AVAILABILITY:

Available to residential consumers, small schools, churches, and community halls requiring less than 50 KVA of transformer capacity, for all rural and town uses within the utility's service area, subject to established rules and regulations. The capacity of individual motors served under this schedule shall not exceed 10 HP.

TYPE OF SERVICE:

Single-phase, 60 cycles, at available secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$20.00 |
| Energy Charge – All kWh | 11.507¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$23.50 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 13.500¢ / kWh |
| From 9:00 p.m. to 6:00 a.m. | 8.524¢ / kWh |

Metering and timing devices must be installed to record usage during each specified time. The cost of the equipment installed is to be paid by the Cooperative.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

SCHEDULE A

ARIZONA RESIDENTIAL SERVICE

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available for commercial and industrial service requiring installed transformer capacity of 50 KVA or less, for all uses within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Single-phase and three-phase at secondary voltages. Motors having a rated capacity in excess of ten horsepower must be three-phase.

MONTHLY RATE:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 35.00 |
| Energy Charge – All kWh | 10.821¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 38.50 |
| Energy Charge – All kWh | |
| From 6:00 a.m. to 9:00 p.m. | 13.725¢ / kWh |
| From 9:00 p.m. to 6:00 a.m. | 8.746¢ / kWh |

Metering and timing devices must be installed to record usage during each specified time.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE B
SMALL COMMERCIAL SERVICE**

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate where 10 KVA or less of transformer capacity is required shall be the customer charge plus applicable taxes. For consumers requiring more than 10 KVA of transformer capacity, the minimum monthly charge shall be increased by \$1.50 for each additional KVA or fraction thereof required. Where it is necessary to extend or reinforce existing distribution facilities, the monthly minimum charge may be increased to assure adequate compensation for the added facilities. The minimum charge as computed above does not include any charges for kWh used.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

TEMPORARY SERVICE:

The utility shall be supplied in accordance with the foregoing rate except that the consumer shall pay in addition to the foregoing charge the total cost of connecting and disconnecting service less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of connection and disconnection.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

ARIZONA ELECTIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE

Page 1 of 2

AVAILABILITY:

Available to irrigation consumers located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase at secondary voltages.

MONTHLY RATE:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$75.00 |
| Energy Charge – All kWh | 12.20 ¢ / kWh |

MONTHLY TIME-OF-USE RATE – at the option of the customer:

| | |
|--|--------------|
| Customer Charge – All Customers | \$78.50 |
| Energy Charge – All kWh | |
| During the period 6:00 a.m. to 9:00 p.m. MST | 13.00¢ / kWh |
| During the period 9:00 p.m. to 6:00 a.m. MST | 8.055¢ / kWh |

Metering and timing devices shall be installed at Cooperative expense to record usage during each specified time.

The optional rate set forth above is voluntary and shall be applicable with the first complete billing cycle after receipt of the customer's written request. Customers electing service under the monthly time-of-use rate may transfer to the Agricultural Service rate beginning with the next complete billing cycle after receipt of written request.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTIC CONSUMER RATE
SCHEDULE I
ELECTRIC IRRIGATION SERVICE**

Page 2 of 2

MINIMUM MONTHLY CHARGE:

The monthly minimum charge under the above rate shall be the customer charge. This minimum charge does not include any charges for kWh used or applicable sales tax.

DETERMINATION OF CONNECTED HORSEPOWER:

The cooperative shall determine the connected horsepower by name plate rating of the motors, or at its option by test under conditions of maximum operating load.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain a power factor of not less than 90%. The cooperative reserves the right to measure such power factor at any time. Should such measurement indicate that the power factor of the consumer is less than 90%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 90%, or, if the cooperative shall so elect, the energy for billing purposes shall be the energy as indicated by the meter reading, multiplied by 90%, and divided by the percent power factor.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

CONDITIONS OF SERVICE:

- A. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
- B. All wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 1 of 2

AVAILABILITY:

Available to consumers with motors of 20 horsepower or greater serving irrigation wells, irrigation machines, tail water pumps, and irrigation booster pumps, located within the utility's service area, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages,

MONTHLY RATE:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 110.00 |
| Energy Charge – All kWh | 10.493¢ / kWh |

The rate set forth above shall be applicable upon ten (10) days written notice from the customer, commencing with the first complete billing cycle thereafter.

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the customer charge plus an energy charge based on kWh usage assuming a load factor not less than thirty percent (30%). The Fuel and Purchased Power Cost Adjustment shall apply to kWh actually used.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE AS
AGRICULTURAL SERVICE**

Page 2 of 2

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, the billing demand for the month will be adjusted for power factor as provided below.

CONDITIONS OF SERVICE:

1. Reduced voltage starting equipment shall be required on all irrigation motors of 125 HP or larger, and across the line starters may be used up to and including 100 HP.
2. Wiring, pole lines, wires, and other electrical equipment beyond the metering point will be considered the distribution system of the consumer and shall be furnished and maintained by the consumers.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 1 of 3

AVAILABILITY:

Available to all consumers within the utility's service area, subject to the established rules and regulations.

Pursuant to the Federal Energy Policy Act of 2005, mercury vapor lamp ballast shall not be manufactured or imported after January 1, 2008. When the Company's inventory of mercury vapor ballasts and lamps is exhausted, customers will be given the option of having the lighting removed, or replaced with another type of light at the rate for the replacement light.

TYPE OF SERVICE:

Single-phase, 60 cycle, at available secondary voltages.

MONTHLY RATE:

| | |
|-------------------------------|-------------------|
| 175 Watt Mercury Vapor Lamps | \$15.25 per month |
| 400 Watt High Pressure Sodium | \$32.45 per month |
| 100 Watt High Pressure Sodium | \$16.25per month |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 2 of 3

MINIMUM MONTHLY RATE:

The monthly minimum charge under the above rate shall be the net rate per month as quoted above or as established by contract between the consumer and the utility in accordance with the utility's extension policy.

In lieu of metering each individual lighting service, the utility has assigned a standard kWh usage to each service as follows:

- 175 Watt Fixtures – 80 kWh per month;
- 400 Watt Fixtures – 180 kWh per month;
- 100 Watt Fixtures – 42 kWh per month.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

CONDITIONS OF SERVICE:

1. The term of this Agreement shall be for a period of four (4) years from the date hereof and shall continue thereafter from term to term, unless a written notice to the contrary is given by either party to the other at least 60 days prior to the expiration of the original term or of any renewal thereof.
2. The consumer hereby grants to Cooperative all easements necessary for Cooperative to install the electrical equipment upon the Consumer's property, and hereby grants Cooperative, its agents and employees, the right of ingress and egress to Consumer's premises for all purposes necessary for the performance of this agreement, including the express right to trim any tree on the premises.
3. All facilities installed by Cooperative will remain the property of the Cooperative and may be removed by the Cooperative upon discontinuance of service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LS
LIGHTING SERVICE**

Page 3 of 3

4. Automatic control devices shall be set for lights to burn from approximately dusk to dawn. Cooperative will exercise reasonable diligence at all times to furnish Consumer service as herein set forth, but will not be liable in damages for any interruption, deficiency or failure of service for any reason whatsoever. Cooperative reserves the right to interrupt the service when such interruption is necessary for repairs to lines or equipment. Any interruption of services for any reason shall not constitute a breach of contract.
5. Cooperative will provide at its expense all necessary wiring, replacements, material and labor for repairs and maintenance, whereby the light may be installed on an existing pole, or, by installing one (1) additional 30/6 pole and secondary wire for each light, not to exceed 100 feet distance from existing service with 110/220 volt service is available. When, at the consumer's request, service is required at a location other than mentioned above, the consumer will provide the pole, secondary wire and necessary transformer equipment, prior to the construction. Cooperative reserves the right to cancel this agreement in the event of excessive damage to its equipment by vandalism, malicious mischief, or other causes.

TERMS OF PAYMENT:

The above rates are net, and due and payable within twenty (20) days from the date of bill.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 1 of 3

AVAILABILITY:

Available to consumers including existing single-phase consumers located within the utility's service area, requiring transformer capacity of 50 KVA, but not more than 350 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATE:

| | |
|---------------------------------|--------------|
| Customer Charge – All Customers | \$360.00 |
| Demand Charge | \$16.50 / KW |
| Energy Charge – All kWh | 5.254¢ / kWh |

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 2 of 3

MINIMUM MONTHLY CHARGES:

The monthly minimum charge shall be the highest one of the following charges as determined for the consumer in questions.

1. The minimum monthly charge specified in the contract for service.
2. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period. If applicable, during the month adjusted for power factor as provided below.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE LP
LARGE POWER SERVICE**

Page 3 of 3

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510/kWh.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

ACCESSIBILITY:

Equipment used to provide electric service must be physically accessible.

LIMITATION OF THE RATE:

Electric service under this schedule is not available for standby service, shall not be resold or shared with others.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE IS
INDUSTRIAL SERVICE**

Page 1 of 3

AVAILABILITY:

Available to consumers located within the utility's service area, requiring transformer capacity in excess of 350 KVA but not more than 2,000 KVA, for all types of usage, subject to the established rules and regulations.

TYPE OF SERVICE:

Three-phase, 60 cycles, at Seller's standard voltages.

MONTHLY RATES:

| | |
|---------------------------------|---------------|
| Customer Charge – All Customers | \$ 600.00 |
| Demand Charge | \$ 17.00 / KW |
| Energy Charge – All kWh | 5.592¢ / kWh |

CONDITION OF SERVICE:

1. Reduced voltage starting equipment may be required on all motors at levels based on the following primary voltage levels:
 - A. Primary Voltage 7,600 volts, motors =>50 H.P.
 - B. Primary Voltage 14,400 volts, motors =>100 H.P.
2. All wiring, pole lines, wires, and other electrical equipment beyond the metering point shall be considered the distribution system of the consumer and shall be furnished and maintained by the consumer.

TAX ADJUSTMENT CLAUSE:

Billings under this schedule may be increased by an amount equal to the sum of taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of ad valorem, state and federal income taxes) payable by the utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any object or event incidental to the rendition of the service.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE IS
INDUSTRIAL SERVICE**

Page 2 of 3

MINIMUM MONTHLY CHARGE:

The monthly minimum charge shall be the highest one of the following charges as determined for the customer in question.

1. The minimum monthly charge specified in the contract for service.
2. \$1.25 per KVA of installed transformer capacity.
3. Billings otherwise applicable under the applicable rate (excluding power cost adjustment charges) are applicable to the minimums.

SERVICE PROVISIONS:

Delivery Point. If service is furnished at secondary voltage, the delivery point shall be the metering point unless otherwise specified in the contract for service. All wiring, pole lines, and other electric equipment on the load side of the delivery point shall be owned and maintained by the consumer.

If the service is furnished at Seller's primary line voltage, the delivery point shall be the point of attachment of Seller's primary line to consumer's transformer structure unless otherwise specified in the contract for service.

TERMS OF PAYMENT:

The monthly bill rendered in accordance with the rates set forth herein is due and payable within twenty (20) days from the date on the bill. A ten percent (10%) charge shall be added to any account balance which is outstanding for more than sixty (60) days from the date of the bill.

DETERMINATION OF BILLING DEMAND:

The billing demand shall be the maximum kilowatt demand established by the consumer for any period of fifteen consecutive minutes in each specified time period, if applicable, during the month adjusted for power factor as provided below.

COLUMBUS ELECTRIC COOPERATIVE, INC.

**ARIZONA ELECTRIC CONSUMER RATE
SCHEDULE IS
INDUSTRIAL SERVICE**

Page 3 of 3

POWER FACTOR ADJUSTMENT:

The consumer agrees to maintain unity power factor as nearly as practicable. Demand charges will be adjusted for consumers with 50 KW or more of measured demand to correct for average power factors lower than 90% and may be so adjusted for other consumers if and when the seller deems necessary. Such adjustments will be made by increasing the measured demand 1% for each 1% by which the average power is less than 90% lagging.

FUEL AND PURCHASED POWER ADJUSTMENT CLAUSE:

In the event, the Cooperative's wholesale power supplier increases or decreases the rate under which the Cooperative buys power, the Cooperative shall increase or decrease the consumers bill by an amount equal to the kWh usage multiplied by a fuel and purchased power cost adjustment factor. The parameters under which the adjustment factor is determined shall be purchased power expense and kWh sales for the month proceeding the month in which the bill is rendered and a base fuel and purchased power cost of \$0.078510 /kWh.

INTERRUPTION OF SERVICE

The cooperative will use reasonable diligence to furnish a regular and uninterrupted supply of energy. However, interruptions or partial interruptions may occur or service may be curtailed, become irregular, or fail as a result of circumstances beyond the control of the Cooperative. In any such case the Cooperative will not be liable for damages. The Cooperative cannot guarantee 100 percent reliability.

LIMITATION OF RATE

Electric service under this schedule is not available for standby service and shall not be resold or shared with others.